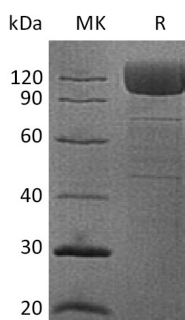


## 概述 (Summary)

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 英文全称                        | CD36/platelet membrane glycoprotein IV/SR-B3 Fc Chimera Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 纯度 (Purity)                 | Greater than 95% as determined by reducing SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 内毒素 (Endotoxin level)       | <1 EU/μg as determined by LAL test.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 蛋白构建 (Construction)         | Recombinant Human Platelet Membrane Glycoprotein IV is produced by our Mammalian expression system and the target gene encoding Gly30-Asn439 is expressed with a human IgG1 Fc tag at the C-terminus.                                                                                                                                                                                                                                                                                                                                                                         |
| Accession #                 | P16671                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 蛋白标签 (Tag)                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 表达宿主 (Host)                 | Human Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 种属 (Species)                | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 预测分子量 (Predicted MW)        | 73.8 KDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 蛋白形态 (Form)                 | Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 储存缓冲液 (Buffer)              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 运输方式 (Shipping)             | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 稳定性&储存 (Stability &Storage) | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                          |
| 复溶 (Reconstitution)         | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

## 电泳图 (SDS-PAGE image)

**Product Name: Recombinant Human CD36 (C-Fc)**  
**Catalog #: PHH1876**



## 背景 (Background)

### 分子别名 (Alternative Names)

Fatty acid translocase; Glycoprotein IIIb; FATCHDS7; Leukocyte differentiation antigen CD36; PAS IV; Platelet collagen receptor; SCARB3; Thrombospondin receptor; CD36

### 背景介绍 (References)

Platelet Glycoprotein 4 (CD36) is an integral membrane glycoprotein that has multiple physiological functions. It is broadly expressed on a variety of cell types including microvascular endothelium, adipocytes, skeletal muscle, epithelial cells of the retina, breast, and intestine, smooth muscle cells, erythroid precursors, platelets, megakaryocytes, dendritic cells, monocytes/macrophages, and microglia. As a member of the scavenger receptor family, CD36 is a multiligand pattern recognition receptor that interacts with a large number of structurally dissimilar ligands, including long chain fatty acid (LCFA), advanced glycation end products (AGE), thrombospondin-1, oxidized lowdensity lipoproteins (oxLDLs), high density lipoprotein (HDL), phosphatidylserine, apoptotic cells,  $\beta$  amyloid fibrils (fA $\beta$ ), collagens I and IV, and Plasmodium falciparum infected erythrocytes. CD36 is required for the antiangiogenic effects of thrombospondin-1 in the corneal neovascularization assay. It plays a role in lipid metabolism and has been identified as a fatty acid translocase necessary for the binding and transport of LCFA in cells and tissues.

## 注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.