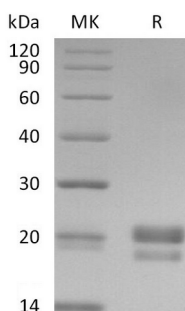


## 概述 (Summary)

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 英文全称                        | CD40 Ligand/CD40L/TNFSF5/CD154/T-cell antigen Gp39/gp39/TNF-related activation protein/TRAP/Tumor Necrosis Factor Ligand Superfamily Member 5/CD40LG                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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 CD40 Ligand is produced by our Mammalian expression system and the target gene encoding Gly116-Leu261 is expressed with a 6His tag at the N-terminus.                                                                                                                                                                                                                                                                                                                                                                                                       |
| Accession #                 | P29965                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 蛋白标签 (Tag)                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 表达宿主 (Host)                 | Human cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 种属 (Species)                | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 预测分子量 (Predicted MW)        | 20.8 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 CD40L (N-6His-Flag)**  
**Catalog #: PHH2413**



## 背景 (Background)

### 分子别名 (Alternative Names)

CD40 Ligand; CD40-L; T-Cell Antigen Gp39; TNF-Related Activation Protein; TRAP; Tumor Necrosis Factor Ligand Superfamily Member 5; CD154; CD40LG; CD40L; TNFSF5; TRAP

### 背景介绍 (References)

CD40 Ligand (CD40LG) is a type II transmembrane glycoprotein that belongs to the TNF superfamily. Like other TNF superfamily members, CD40LG exists as a trimer in membrane bound and soluble form, both of which are bioactive. CD40LG is a ligand for CD40; its ligation also initiates signal transduction in CD40LG expressing cells. CD40LG is a differentiation antigen that is expressed on the surface of T-cells. It stimulates B-cell proliferation and secretion of all immunoglobulin isotypes in the presence of cytokines. CD40LG has been shown to induce cytokine production and tumoricidal activity in peripheral blood monocytes. It also co-stimulates proliferation of activated T-cells and this is accompanied by the production of IFN-gamma, TNF-alpha, and IL2.

## 注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.