Product Name: Recombinant Human CD47 (C-mFc)

Catalog #: PHH2047



概述 (Summary)

英文全称 CD47/IAP/OA3/Leukocyte Surface Antigen CD47/Antigenic surface

determinant protein OA3/Integrin-associated protein/Protein MER6

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 Leukocyte Surface Antigen CD47 is produced by our

Mammalian expression system and the target gene encoding Gln19-

Pro139 is expressed with a mouse IgG1 Fc tag at the C-terminus.

Accession # Q08722

蛋白标签 (Tag)

表达宿主 (Host) Human Cells

种属 (Species)Human预测分子量 (Predicted MW)40.3 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.

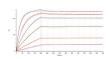
复溶 (Reconstitution) Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It

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)



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背景 (Background)

分子别名 (Alternative Names)

背景介绍 (References)

Leukocyte surface antigen CD47; Antigenic surface determinant protein OA3; Integrin-associated protein; IAP; Protein MER6; CD47; MER6

CD47(Integrin-Associated Protein,IAP) is a 40 - 60 kDa variably glycosylated atypical member of the immunoglobulin superfamily. The ubiquitously expressed CD47 binds to SIRP family members on macrophages, neutrophils, and T cells. CD47 is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The protein is also a receptor for the C-terminal cell-binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. This protein has broad tissue distribution, and is reduced in expression on Rh erythrocytes.

注意事项 (Note)

For Research Use Only, Not for Diagnostic Use.

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