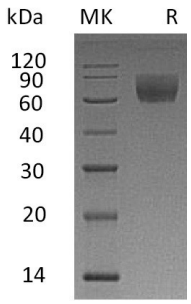
Product Name: Recombinant Rhesus Macaque CD47 (C-Fc)
Catalog #: PHV1988

Summary

Name	CD47/IAP/OA3/Leukocyte Surface Antigen CD47/Antigenic surface determinant protein OA3/Integrin-associated protein/Protein MER6
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Rhesus Macaque CD47 Molecule is produced by our Mammalian expression system and the target gene encoding Gln19-Pro139 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	F7A802
Host	Human Cells
Species	Rhesus macaque
Predicted Molecular Mass	40.8 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 50 mM Tris-HCl, 100 mM Glycine, pH 7.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
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.
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.

SDS-PAGE image



Background

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Alternative Names	Leukocyte Surface Antigen CD47; Antigenic Surface Determinant Protein OA3; Integrin-Associated Protein; IAP; Protein MER6; CD47; MER6
Background	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.

Note

For Research Use Only , Not for Diagnostic Use.