

RP00331

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Recombinant Human CD47/IAP Protein

Catalog No.: RP00331

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	961	Q08722

Tags

C-6×His

Synonyms

CD47; IAP; MER6; OA3; CD47 molecule; IAP; MER6; OA3

Product Information

Source

HEK293 cells

Purification

> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 10 mM Tris-Citrate, 150 mM NaCl, pH 8.0. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein belongs a membrane protein, which is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The encoded 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 gene has broad tissue distribution, and is reduced in expression on Rh erythrocytes. Alternatively spliced transcript variants have been found for this gene.

Basic Information

Description

Recombinant Human CD47/IAP Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Gln19-Pro139) of human CD47/IAP (Accession #Q08722) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its ability to bind Human SIRPA in functional ELISA. The ED₅₀ for this effect is typically 5-20ng/mL.

Storage

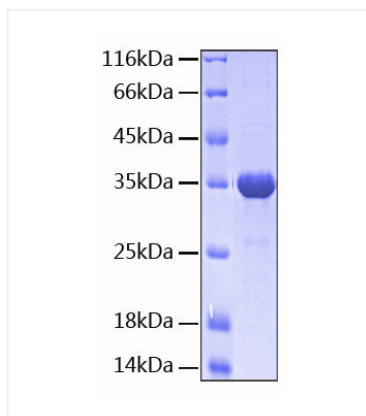
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant protein Human CD47/IAP was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 35 kDa.