

Recombinant Human CD47 Protein

Catalog No.: RP02027LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	961	Q08722

Tags

Supplied as 0.22um filtered solution in PBS, pH 7.4. Contact us for customized product form or formulation.

Synonyms

IAP; MER6; OA3

Product Information

Source	Purification
Mammalian	> 95% by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Supplied as 0.22um filtered solution in PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Background

CD47 (Cluster of Differentiation 47) also known as integrin associated protein (IAP) is a transmembrane protein that in humans is encoded by the CD47 gene. CD47 belongs to the immunoglobulin superfamily and partners with membrane integrins and also binds the ligands thrombospondin-1 (TSP-1) and signal-regulatory protein alpha (SIRPα). CD-47 acts as a don't eat me signal to macrophages of the immune system which has made it a potential therapeutic target in some cancers.

Basic Information

Description

Bio-Activity

Immobilized Human CD47, His Tag at 0.5ug/mL (100μL/well), dose response curve for Human SIRP alpha, Fc Tag with the EC₅₀ of 96.15ng/mL determined by ELISA.

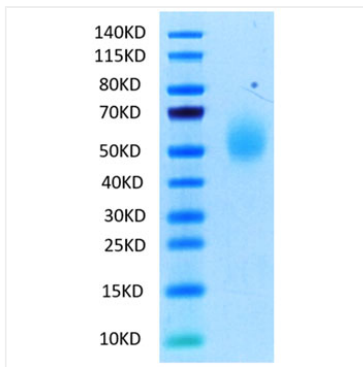
Storage

This product is stable at ≤ -70° C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.

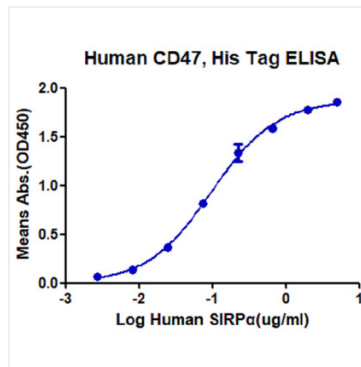
Contact

 | www.abclonal.com

Validation Data



Recombinant Human CD47 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 45-60 kDa.



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