

Recombinant human CD47 protein, C-hFc (HEK293)

Catalog Number: bs-47067P

Concentration: >0.5 mg/ml

AA Seq: 19-139/323

Predicted MW: 40.5

Detected MW: Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.

Tags: C-hFc

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

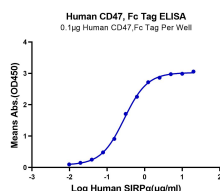
Form: Lyophilized

Storage: Lyophilized from 0.22μm filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

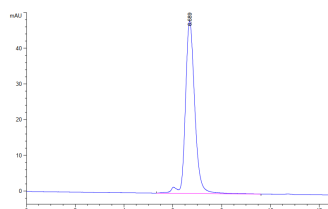
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: This gene encodes 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. [provided by RefSeq, Jul 2010]

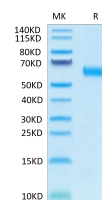
VALIDATION IMAGES



Immobilized Human CD47 at 1μg/ml(100μl/Well). Dose response curve for Human SIRPα, His Tag (Cat.SRP-HM172), with the EC50 of 0.28μg/ml determined by ELISA.



The purity of CD47(Cat. CD7-HM247) is greater than 95% as determined by SEC-HPLC.



Recombinant CD47 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.