

Recombinant human CD27 protein, C-hFc (HEK293)

Catalog Number: bs-47049P

Concentration: >0.5 mg/ml

AA Seq: 21-192/260

Predicted MW: 46.2

Detected MW: Due to glycosylation, the protein migrates to 60-75 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

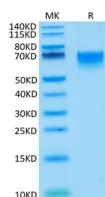
Form: Lyophilized

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

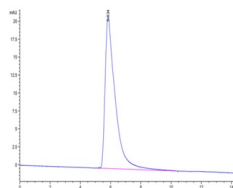
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor. [provided by RefSeq, Jul 2008]

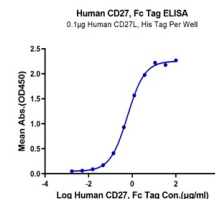
VALIDATION IMAGES



Recombinant CD27 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of CD27 is greater than 95% as determined by SEC-HPLC.



Immobilized Human CD27L, His Tag (Cat.CDL-HM127) at 1μg/ml (100μl/Well). Dose response curve for Human CD27, Fc Tag (Cat.CD2-HM227) with the EC50 of 0.6μg/ml determined by ELISA.