

Recombinant Human TNFSF7/CD27 Ligand Protein

Catalog No.: RP02032 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	970	P32970

Tags

N-hFc

Synonyms

CD70;CD27L; LPFS3; CD27-L; CD27LG;
TNFSF7; TNLG8A;CD27-
L;CD27LG;TNFSF7;TNLG8A

Product Information

Source	Purification
HEK293 cells	> 95% by SDS- PAGE.

Endotoxin

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

Formulation

Lyophilized from a 0.2 μm filtered
solution of PBS, pH 7.4. 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

CD70, also named CD27 ligand (CD27L), is a type II transmembrane glycoprotein belonging to the TNF superfamily (TNFSF) and has been designated TNFSF7. CD70 is a cytokine that binds to CD27. Plays a role in T-cell activation. Induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells.

Basic Information

Description

Recombinant Human BAFF trimer Protein is produced by mammalian expression system. The target protein is expressed with sequence (Gln39-Pro193) of human CD70/CD27 ligand (Accession #P32970) fused with an Fc tag at the N-terminus.

Bio-Activity

Immobilized Human CD27 at 2 μg/mL (100 μL/well), dose response curve for Human CD27 Ligand with the EC₅₀ of 0.15 μg/mL determined by ELISA.

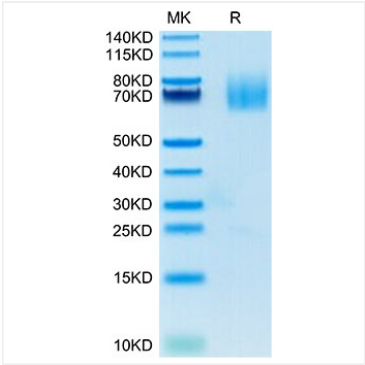
Storage

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.

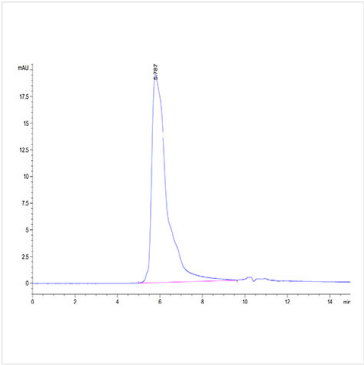
Contact

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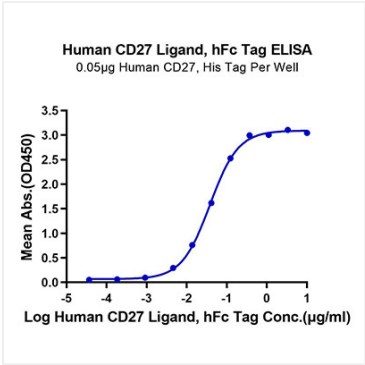
Validation Data



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



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



Immobilized Human CD27, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Human CD27 Ligand, hFc Tag with the EC₅₀ of 37.9ng/ml determined by ELISA.