

FITC-Labeled Human CD27 Ligand/CD70 Trimer Protein

Cat. No. CDL-HM427F

Description

Source	Recombinant FITC-Labeled Human CD27 Ligand/CD70 Trimer Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Leu50-Pro193.
Accession	P32970-1
Molecular Weight	The protein has a predicted MW of 51.8 kDa. Due to glycosylation, the protein migrates to 63-68 kDa based on Bis-Tris PAGE result.
Wavelength	Excitation Wavelength: 490 nm Emission Wavelength: 520 nm
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

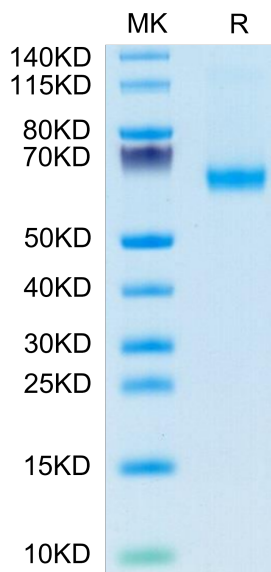
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

Assay Data

Bis-Tris PAGE



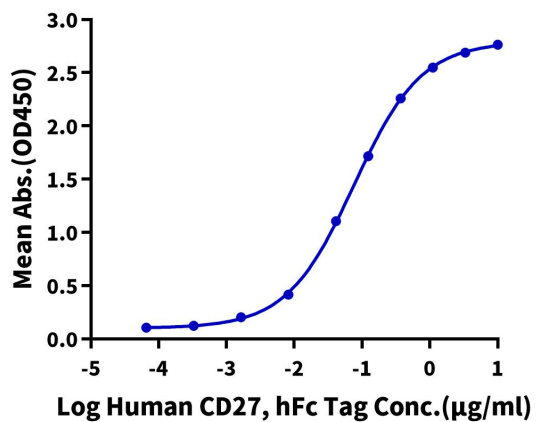
FITC-Labeled Human CD27 Ligand Trimer on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Assay Data

FITC-Labeled Human CD27 Ligand Trimer, His Tag ELISA

0.2µg FITC-Labeled Human CD27 Ligand Trimer, His Tag Per Well



Immobilized FITC-Labeled Human CD27 Ligand Trimer, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human CD27, hFc Tag with the EC50 of 76.2ng/ml determined by ELISA.