

CD27 Ligand/CD70 Trimer Recombinant Protein | CD27 recombinant protein

Biotinylated Human CD27 Ligand/CD70 Trimer Protein Recombinant

CATALOG #	HOST
AAA76307	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

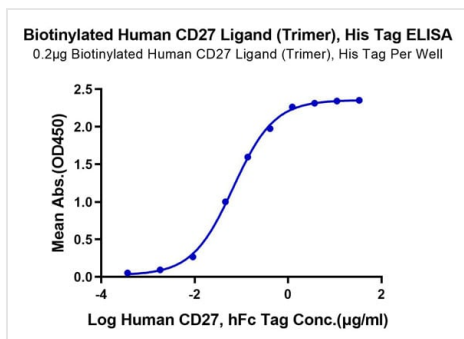
PRODUCT SYNONYMS

CD27 Ligand/CD70 Trimer; Biotinylated Human CD27 Ligand/CD70 Trimer Protein Recombinant; CD27 recombinant protein

PRODUCT SPECIFICATIONS

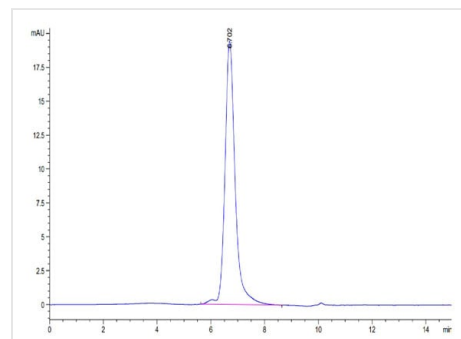
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human CD27 Ligand/CD70 Trimer (Primary Amine Labeling) was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human CD27 Ligand/CD70 Trimer (Primary Amine Labeling) including a N-His tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Cytokine
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



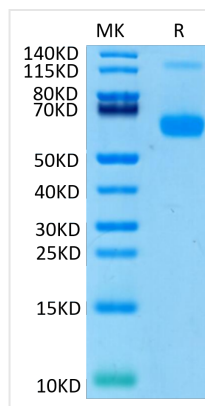
ELISA

Biotinylated Human CD27 Ligand/CD70 Trimer Protein (Primary Amine Labeling) ELISA Data: Immobilized Biotinylated 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 67ng/ml determined by ELISA.



Application Data

Biotinylated Human CD27 Ligand/CD70 Trimer Protein (Primary Amine Labeling) SEC-HPLC: The purity of Biotinylated Human CD27 Ligand (Trimer) is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human CD27 Ligand/CD70 Trimer Protein (Primary Amine Labeling) Tris-Bis PAGE Biotinylated Human CD27 Ligand (Trimer) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for CD27 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507605
NCBI GeneID	970
NCBI Accession #	NP_001243.1
NCBI GenBank Nucleotide #	NM_001252.3
UniProt Accession #	P32970; Q96J57
Molecular Weight	21,118 Da
NCBI Official Full Name	CD70 antigen
NCBI Official Synonym Full Names	CD70 molecule
NCBI Official Symbol	CD70
NCBI Official Synonym Symbols	CD27L; CD27LG; TNFSF7
NCBI Protein Information	CD70 antigen; CD27-L; CD27 ligand; Ki-24 antigen; surface antigen CD70; tumor necrosis factor ligand superfamily member 7; tumor necrosis factor (ligand) superfamily, member 7
UniProt Protein Name	CD70 antigen
UniProt Gene Name	CD70
UniProt Synonym Gene Names	CD27L; CD27LG; TNFSF7; CD27-L
UniProt Entry Name	CD70_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/cd70-recombinant-protein-hek293-cells/76307>