

Active Recombinant Human CD27 protein, His-tagged

Cat. No. CD27-1345H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD27 protein(P26842)(Met 1-Ile192) was expressed in Insect Cells with a C-terminal polyhistidine tag.
Species	Human
Source	Insect Cells
ProteinLength	1-192 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CD27-his at 10 µg/mL (100 µl/well) can bind biotinylated human CD70-Fc, The EC50 of biotinylated human CD70-Fc is 57-85 ng/mL.
Molecular Mass	The secreted recombinant human CD27 consists of 183 amino acids and predicts a molecular mass of 20.7 KDa. The apparent molecular mass of the protein is approximately 27 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [CD27 CD27 molecule \[Homo sapiens \]](#)

Official Symbol [CD27](#)

Synonyms

CD27; CD27 molecule; TNFRSF7, tumor necrosis factor receptor superfamily, member 7; CD27 antigen; S152; Tp55; CD27L receptor; T cell activation antigen S152; T-cell activation antigen CD27; tumor necrosis factor receptor superfamily, member 7; T14; TNFRSF7; MGC20393;

Gene ID [939](#)

mRNA Refseq [NM_001242](#)

Protein Refseq [NP_001233](#)

MIM [186711](#)

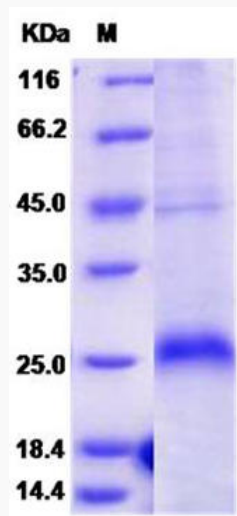
UniProt ID [P26842](#)

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SDS-PAGE



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