

Active Recombinant Human CD27 protein, His & Fc-tagged

Cat. No. CD27-537H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD27 protein(Met 1-Ile 192)(NP_001233.1) was expressed in Human Cells, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the carboxy-terminus.
Species	Human
Source	Human Cells
ProteinLength	1-192 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to bind with recombinant human CD70. Immobilized recombinant human CD27 at 2 µg/ml (100 µl/well) can bind biotinylated human CD70 with a linear range of 0.39-12.5 ng/ml.
Molecular Mass	The recombinant mature human CD27/Fc is a disulfide-linked homodimeric protein. The reduced monomer comprises 420 amino acids and has a calculated molecular mass of 47.2 kDa. As a result of glycosylation, the monomer migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

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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-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

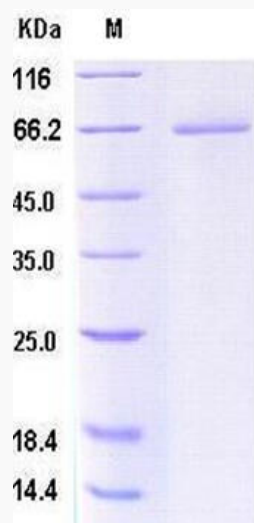
UniProt ID P26842

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SDS-PAGE



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