

Active Recombinant Human CD27 Protein, Fc & Avi-tagged, Biotinylated

Cat. No. CD27-57H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD27 Protein(P26842)(Thr21-Ile192) is expressed from HEK293 with hFc (IgG1) tag and Avi tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	21-192 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human CD27 Ligand (Trimer), His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human CD27, hFc Tag with the EC50 of 0.12µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 47.01 kDa. Due to glycosylation, the protein migrates to 60-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

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Storage -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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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