

Active Recombinant Human CD27 protein, His-tagged

Cat. No. CD27-2953H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD27 protein(P26842)(Thr21-Ile192), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-192 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human CD27, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Human CD27 Ligand, hFc Tag with the EC50 of 14.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.1 kDa. Due to glycosylation, the protein migrates to 40-60 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
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.

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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](#)

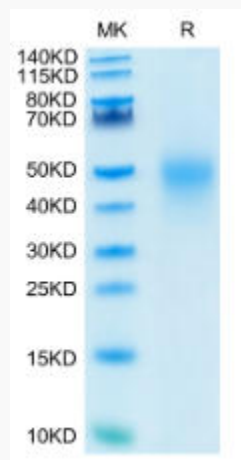
UniProt ID [P26842](#)

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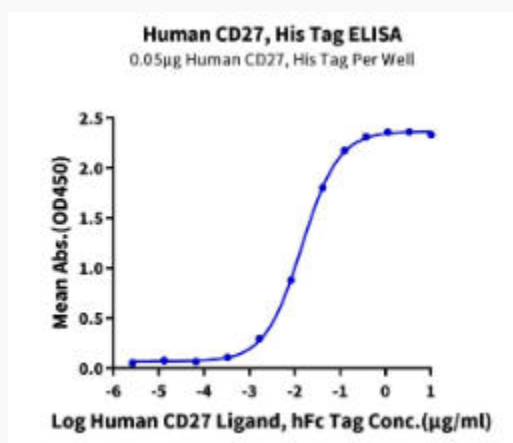
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Bis-Tris PAGE



ELISA Data



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