

## Recombinant Human CD27 protein, hFc-tagged

**Cat. No.** CD27-1079H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD27 protein(P26842)(Thr21-Ile192), fused with C-terminal hFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Thr21-Ile192
<b>Tag</b>	C-hFc
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human CD27 Ligand Trimer, His Tag at 2ug/ml (100ul/Well) on the plate. Dose response curve for Human CD27, hFc Tag with the EC50 of 13.5ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 46.2 kDa. Due to glycosylation, the protein migrates to 60-75 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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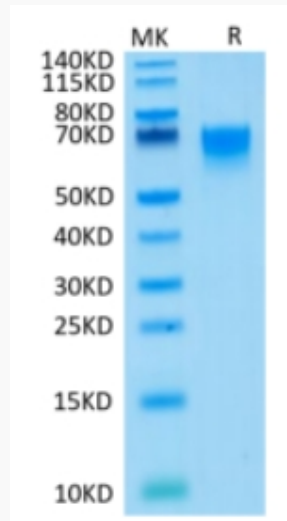
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CD27 CD27 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD27
<b>Synonyms</b>	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;
<b>Gene ID</b>	939
<b>mRNA Refseq</b>	NM_001242
<b>Protein Refseq</b>	NP_001233
<b>MIM</b>	186711
<b>UniProt ID</b>	P26842

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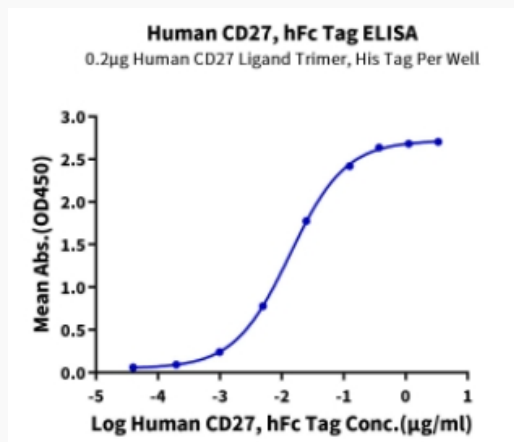
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**Tris-Bis PAGE**



**ELISA Data**



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