

## Active Recombinant Human CD27 protein, His & Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-192 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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](#)

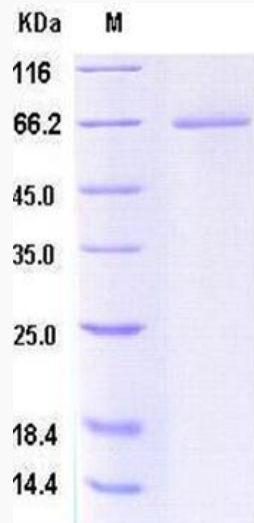
**UniProt ID** [P26842](#)

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**SDS-PAGE**



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