

## Active Recombinant Mouse CD27 protein, mFc-tagged

Cat. No. CD27-2954M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse CD27 protein(Thr 21-Arg 182), fused with mFc tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Thr 21-Arg 182
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Mouse CD27, Mouse IgG2a Fc Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Mouse CD70, His Tag, Avi Tag with a linear range of 1-16 ng/mL. Immobilized Mouse CD27, Mouse IgG2a Fc Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human CD27 Ligand, Fc Tag with a linear range of 1-16 ng/mL.
<b>Molecular Mass</b>	This protein carries a mouse IgG2a Fc tag at the C-terminus. The protein has a calculated MW of 45.1 kDa. The protein migrates as 55-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 0.1 EU per µg 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** For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**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 antigen [ *Mus musculus* ]

**Official Symbol** CD27

**Synonyms** CD27; CD27 antigen; CD antigen 27; CD27L receptor; T-cell activation antigen CD27; tumor necrosis factor receptor superfamily member 7; tumor necrosis factor receptor superfamily, member 7; S152; Tp55; Tnfrsf7;

**Gene ID** 21940

**mRNA Refseq** NM\_001033126

**Protein Refseq** NP\_001028298

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