

Active Recombinant Mouse CD27 protein, mFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse CD27 protein(Thr 21-Arg 182), fused with mFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Thr 21-Arg 182
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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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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