Active Recombinant Human CD27 protein, mFc-tagged

Cat. No. CD27-2955H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD27 protein(Thr 21-Ile 192), fused with mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Thr 21-Ile 192
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, 150 mM NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human CD27 Protein, Mouse IgG2a Fc Tag at 2 μg/mL (100 μL/well) can bind Human CD27 Ligand Protein, Fc Tag with a linear range of 0.2-4 ng/mL.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminusThe protein has a calculated MW of 46.2 kDa. The protein migrates as 55-75 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.
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

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	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 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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