

Active Recombinant Human CD27 protein, Fc-tagged, APC-labeled

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

SPECIFICATION

Product Overview	Recombinant Human CD27 protein, Fc-tagged was Conjugated with NH ₂ -Reactive APC(Allophycocyanin).
Species	Human
Source	HEK293
ProteinLength	Thr 21 - Ile 192
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD27, Fc Tag at 2 μg/mL (100 μL/well) can bind Biotinylated Human CD27 Ligand, Avitag,Fc Tag (active trimer) with a linear range of 0.001-0.02 μg/mL.
Molecular Mass	The protein has a calculated MW of 45.9 kDa. The protein migrates as 53-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >85% as determined by SEC-HPLC.

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Storage

For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- 20 centigrade to -70 centigrade for 12 months in lyophilized state;
- 70 centigrade 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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