

Datasheet for ABIN2180735
CD27 Protein (AA 21-192) (Fc Tag)[Go to Product page](#)

3 Images

Overview

Quantity:	200 µg
Target:	CD27
Protein Characteristics:	AA 21-192
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD27 protein is labelled with Fc Tag.

Product Details

Sequence:	AA 21-192
Characteristics:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 45.9 kDa. The protein migrates as 45-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	CD27
---------	------

Target Details

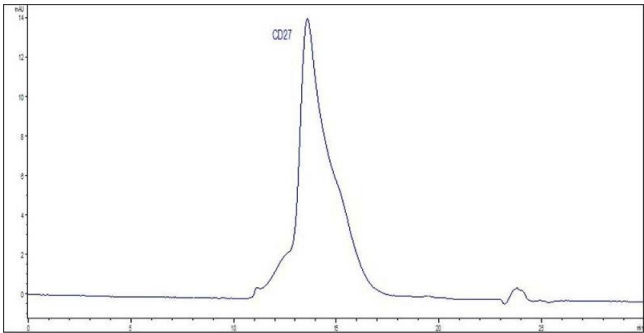
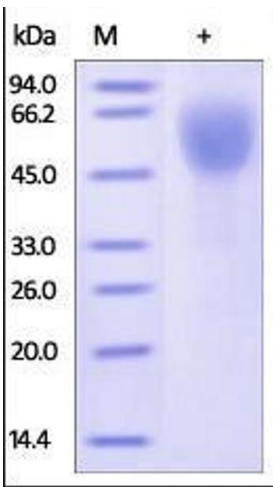
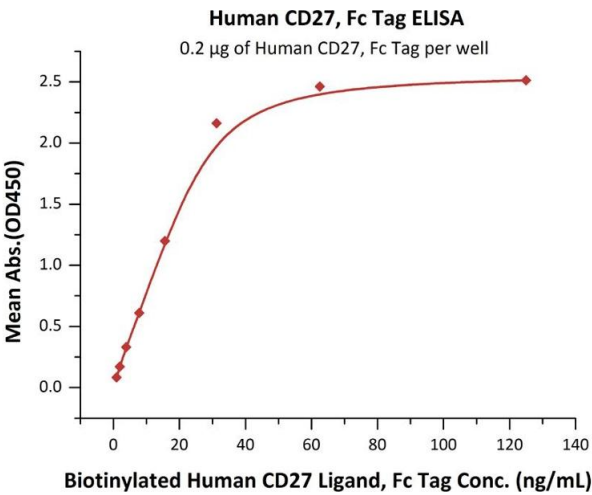
Alternative Name:	CD27 (CD27 Products)
Background:	CD Antigen CD27 is also known as Tumor necrosis factor receptor superfamily member 7 (TNFRSF7), which belongs to TNF-receptor superfamily. CD27 / TNFRSF7 is found in most T-lymphocytes. CD27 / TNFRSF7 is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-κB and MAPK8/JNK. CD27 has been shown to interact with SIVA1, TRAF2 and TRAF3.
Molecular Weight:	45.9 kDa
NCBI Accession:	NP_001233
Pathways:	Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Buffer:	50 mM Tris, 100 mM Glycine, pH 7.5
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).



ELISA

Image 1. Immobilized Human CD27, Fc Tag (ABIN2180735,ABIN2180734) at 2 µg/mL (100 µL/well) can bind Biotinylated Human CD27 Ligand, Fc Tag (ABIN5674589,ABIN6253685) with a linear range of 1-31 ng/mL (QC tested).

SDS-PAGE

Image 2.

High Pressure Liquid Chromatography

Image 3. The purity of Human CD27, Fc Tag (Cat. No. ABIN2180735,ABIN2180734) was greater than 85 % as determined by .