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Datasheet for ABIN6253520

CD27 Protein (AA 21-192) (His tag)

2 Images

Overview

Quantity:	100 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 His tag.

Product Details

Sequence:	AA 21-192
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	CD27
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

Target Details

immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF- κ B and MAPK8/JNK. CD27 has been shown to interact with SIVA1, TRAF2 and TRAF3.

Molecular Weight: 21.1 kDa

NCBI Accession: [NP_001233](#)

Pathways: [Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints](#)

Application Details

Restrictions: For Research Use only

Handling

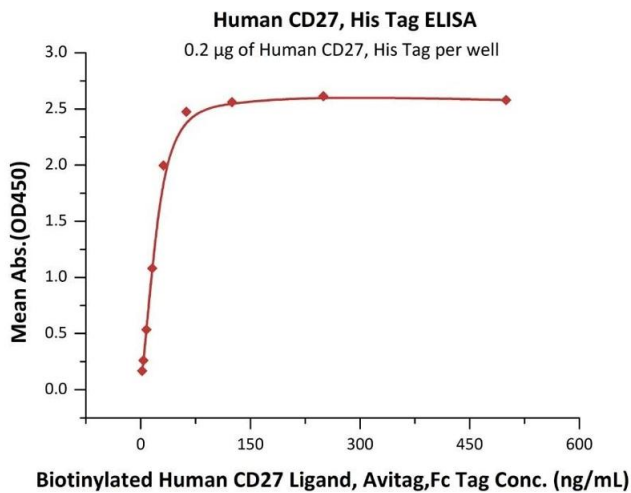
Format: Lyophilized

Buffer: PBS, pH 7.4

Handling Advice: Please avoid repeated freeze-thaw cycles.

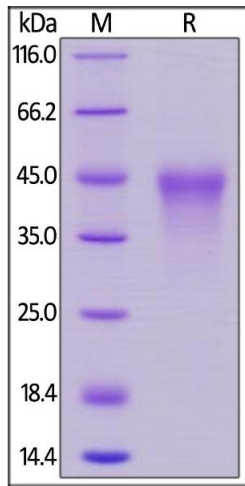
Storage: -20 °C

Images



ELISA

Image 1. Immobilized Human CD27, His Tag (ABIN5955005, ABIN6253520) at 2 μ g/mL (100 μ L/well) can bind Biotinylated Human CD27 Ligand, Avitag,Fc Tag (ABIN5674589, ABIN6253685) with a linear range of 2-31 ng/mL (QC tested).



SDS-PAGE

Image 2. Human CD27, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .