

Datasheet for ABIN5955007
CD27 Protein (AA 21-182) (Fc Tag)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	CD27
Protein Characteristics:	AA 21-182
Origin:	Mouse
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 21-182
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 0.1 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-κB and MAPK8/JNK. CD27 has been shown to interact with SIVA1, TRAF2 and TRAF3.
Molecular Weight:	45.1 kDa
NCBI Accession:	NP_001028298
Pathways:	Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints

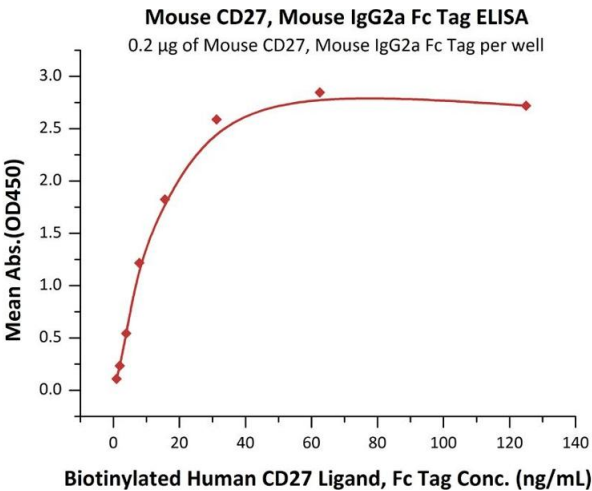
Application Details

Restrictions:	For Research Use only
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Handling

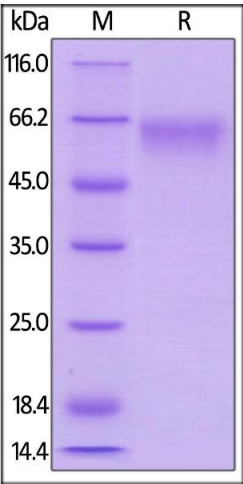
Format:	Lyophilized
Buffer:	Tris with Glycine, Arginine and NaCl, pH 7.5
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Images



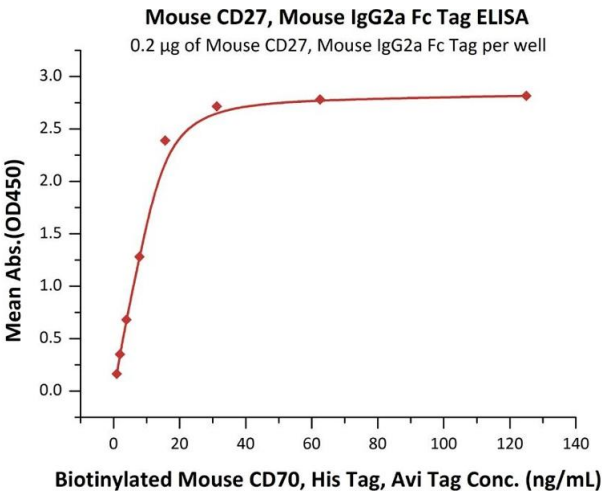
ELISA

Image 1. Immobilized Mouse CD27, Mouse IgG2a Fc Tag (ABIN5955007,ABIN6809974) at 2 µg/mL (100 µL/well) can bind Biotinylated Human CD27 Ligand, Fc Tag (ABIN5674589,ABIN6253685) with a linear range of 1-16 ng/mL (Routinely tested).



SDS-PAGE

Image 2. Mouse CD27, Mouse IgG2a Fc Tag, low endotoxin on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .



ELISA

Image 3. Immobilized Mouse CD27, Mouse IgG2a Fc Tag (ABIN5955007,ABIN6809974) 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 (QC tested).