

Datasheet for ABIN6961160
CD27 Protein (AA 20-191) (Fc Tag)



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	CD27
Protein Characteristics:	AA 20-191
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD27 protein is labelled with Fc Tag.
Application:	ELISA

Product Details

Purpose:	Recombinant human CD27 protein with C-terminal human Fc tag
Specificity:	CD27 (Ala20-Arg191) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD27
Alternative Name:	CD27 (CD27 Products)

Target Details

Background:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor 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-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.
Molecular Weight:	predicted molecular mass of 45.3 kDa after removal of the signal peptide. The apparent molecular mass of CD27-hFc is 55-70 kDa due to glycosylation.
Gene ID:	939
UniProt:	P26842
Pathways:	Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

Application Details

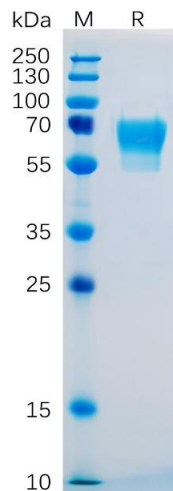
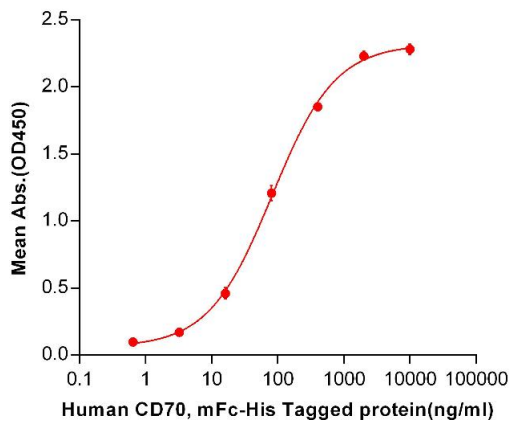
Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

Human CD27, hFc Tagged protein ELISA

0.2 µg of CD27, hFc Tagged protein per well



ELISA

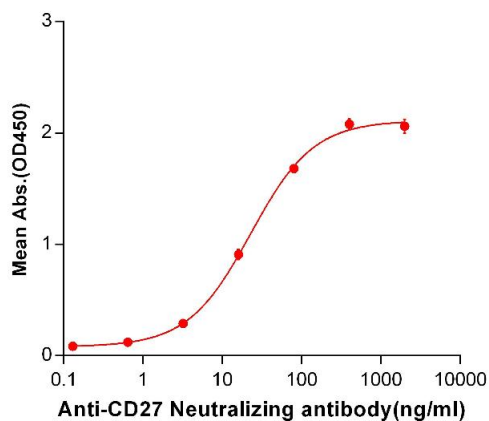
Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD27, hFc tagged protein (ABIN6961160, ABIN7042349 and ABIN7042350) can bind Human CD70, mFc-His tagged protein ABIN6961112, ABIN7042253 and ABIN7042254 in a linear range of 3.2-400 ng/mL.

SDS-PAGE

Image 2. Human CD27 Protein, hFc Tag on SDS-PAGE under reducing condition.

Human CD27, hFc Tagged protein ELISA

0.2 µg of CD27, hFc Tagged protein per well



ELISA

Image 3. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD27, hFc tagged protein (ABIN6961160, ABIN7042349 and ABIN7042350) can bind Anti-CD27 Neutralizing antibody ABIN6964431 and ABIN7272567 in a linear range of 3.2-80.0 ng/mL.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6961160.