

Datasheet for ABIN6961086  
**CD27 Protein (mFc-His Tag)**[Go to Product page](#)

## 2 Images

## Overview

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

## Product Details

Purpose:	Recombinant human CD27 protein with C-terminal mouse Fc and 6xHis tag
Specificity:	CD27 (Ala20-Arg191) mFc (Pro99-Lys330) 6xHis
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
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 ( <a href="#">CD27 Products</a> )
Background:	Synonymes: CD27, TNFRSF7, S152, T14, Tp55

## Target Details

Description: 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 65-72 kDa after removal of the signal peptide.
Gene ID:	939
UniProt:	<a href="#">P26842</a>
Pathways:	<a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Cancer Immune Checkpoints</a>

## Application Details

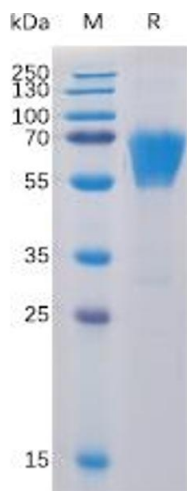
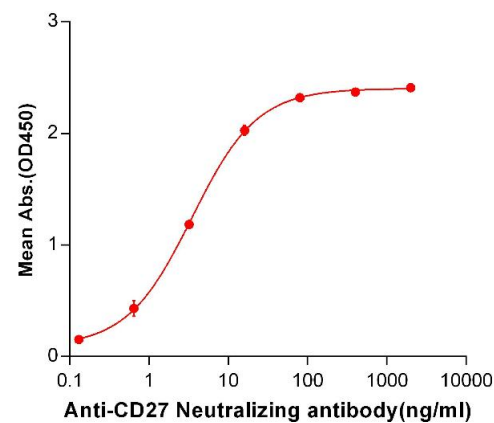
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
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, mFc-His Tagged protein ELISA

0.2 µg of CD27, mFc-His Tagged protein per well



ELISA

**Image 1.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD27, mFc-His tagged protein (ABIN6961086) can bind Anti-CD27 Neutralizing antibody in a linear range of 0.64-16.0 ng/mL.

SDS-PAGE

**Image 2.** Human CD27 Protein, mFc-His Tag on SDS-PAGE under reducing condition.