

Datasheet for ABIN7274227  
**CD70 Protein (AA 39-193) (Fc Tag)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µg
Target:	CD70
Protein Characteristics:	AA 39-193
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD70 protein is labelled with Fc Tag.

## Product Details

Purpose:	Human CD27 Ligand/CD70 Protein
Sequence:	Gln39-Pro193
Characteristics:	Recombinant Human CD27 Ligand/CD70 Protein is expressed from HEK293 with hFc at the N-Terminus. It contains Gln39-Pro193.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human CD27, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Human CD27 Ligand, hFc Tag with the EC50 of 37.9ng/ml determined by ELISA. See testing image for detail.

## Target Details

Target:	CD70
Alternative Name:	CD27 Ligand ( <a href="#">CD70 Products</a> )
Background:	CD70, also named CD27 ligand (CD27L), is a type II transmembrane glycoprotein belonging to the TNF superfamily (TNFSF) and has been designated TNFSF7. CD70 is a cytokine that binds to CD27. Plays a role in T-cell activation. Induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells.
Molecular Weight:	42.7 kDa. Due to glycosylation, the protein migrates to 60-80 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">Cancer Immune Checkpoints</a>

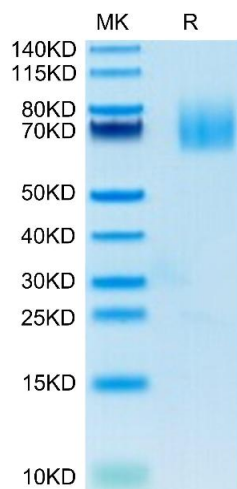
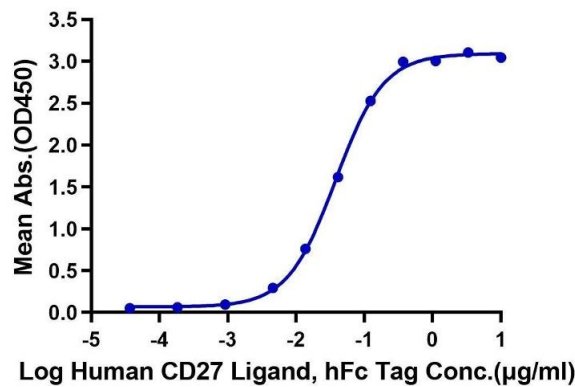
## Application Details

Restrictions:	For Research Use only
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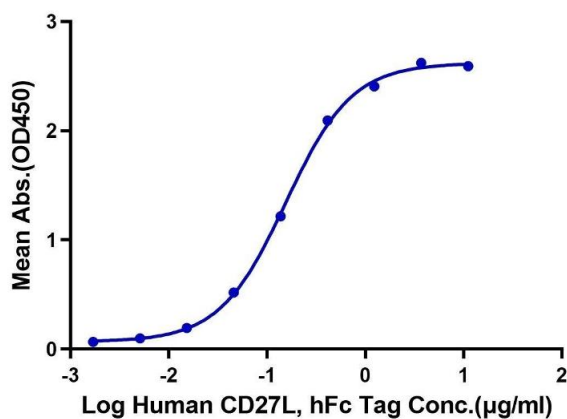
## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

**Human CD27 Ligand, hFc Tag ELISA**  
0.05µg Human CD27, His Tag Per Well



**Human CD27 Ligand, hFc Tag ELISA**  
0.2µg Human CD27, His Tag Per Well



## ELISA

**Image 1.** Immobilized Human CD27, His Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Human CD27 Ligand, hFc Tag with the EC50 of 37.9 ng/mL determined by ELISA.

## SDS-PAGE

**Image 2.** Human CD27 Ligand on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

## ELISA

**Image 3.** Immobilized Human CD27, His Tag at 2 µg/mL (100 µL/Well). Dose response curve for Human CD27 Ligand, hFc Tag with the EC50 of 0.15 µg/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7274227.