

Datasheet for ABIN6972978

**CD70 Protein (AA 52-193) (His tag,DYKDDDDK Tag,FITC)**[Go to Product page](#)**3** Images

## Overview

Quantity:	200 µg
Target:	CD70
Protein Characteristics:	AA 52-193
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD70 protein is labelled with His tag,DYKDDDDK Tag,FITC.

## Product Details

Characteristics:	FITC-Labeled Human CD27 Ligand / CD70 Protein, His,Flag Tag active trimer (MALS verified)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

## Target Details

Target:	CD70
Alternative Name:	CD27 Ligand ( <a href="#">CD70 Products</a> )
Background:	Cluster of Differentiation 70 (CD70) is also known as CD27 ligand (CD27L / CD27LG), TNFSF7, TNFSF7G, is a type II transmembrane glycoprotein belonging to the TNF superfamily (TNFSF) and is a surface antigen found on activated T-and B-lymphocytes and mature dendritic cells.  Binding of CD70 to its receptor CD27 induces in priming, effector functions, differentiation and

## Target Details

memory formation of T-cells, and thus is involved in the biological processes including T-cell activation, the proliferation of costimulated T-cells, as well as the generation of cytolytic T-cells. CD70 on T cells provides costimulatory signals that are required for T cell proliferation, clonal expansion and the promotion of effector T cell formation. CD70 on mouse B cell has been shown to inhibit terminal differentiation of activated B cells into plasma cells and enhances commitment to memory B cell responses. CD70 induces proliferation and IFN $\gamma$  production, on NK cells.

Molecular Weight: 49.3 kDa

Pathways: [Cancer Immune Checkpoints](#)

## Application Details

Application Notes: MALS verified

Restrictions: For Research Use only

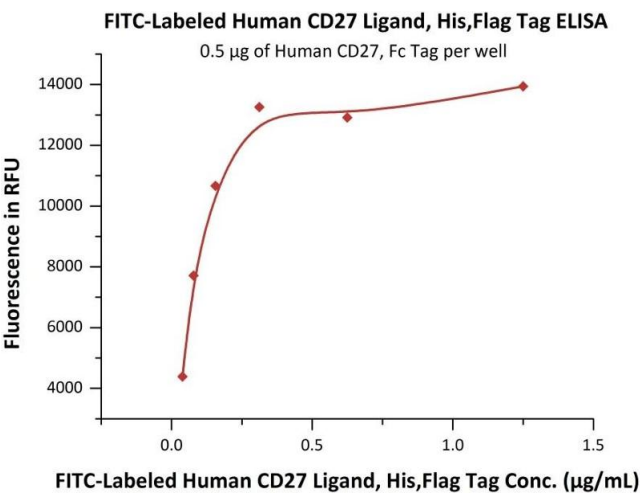
## Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

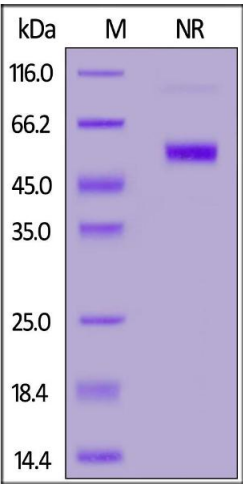
Storage: -20 °C

## Images



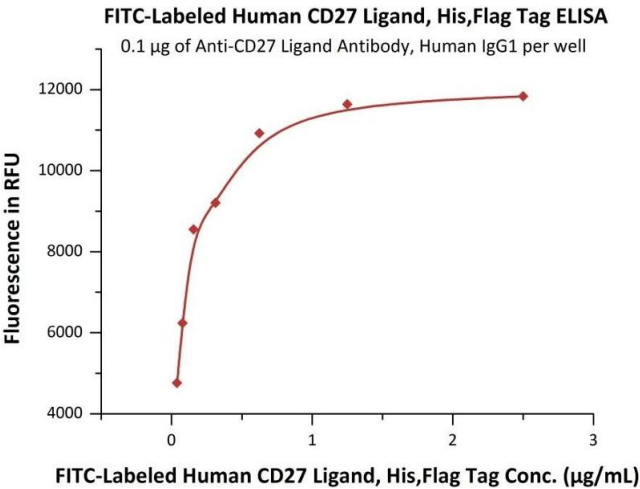
### ELISA

**Image 1.** Immobilized Human CD27, Fc Tag (ABIN2180735, ABIN2180734) at 5  $\mu$ g/mL (100  $\mu$ L/well) can bind Fed Human CD27 Ligand, His,Flag Tag (ABIN6972978) with a linear range of 0.039-0.156  $\mu$ g/mL (Routinely tested).



SDS-PAGE

**Image 2.** Fed Human CD27 Ligand, His,Flag Tag on under ing (NR) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .



ELISA

**Image 3.** Immobilized A Ligand Antibody, Human IgG1 at 1 µg/mL (100 µL/well) can bind Fed Human CD27 Ligand, His,Flag Tag (ABIN6972978) with a linear range of 0.039-0.156 µg/mL (QC tested).