



Datasheet for ABIN7319773 CD70 Protein (mFc Tag)



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1 Image

Overview

Quantity:	50 µg
Target:	CD70
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD70 protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant Human CD27 Ligand/TNFSF7/CD70 (C-mFc)
Sequence:	Gln45-Pro193
Characteristics:	Recombinant Human CD27 Ligand/CD70 is produced by our Mammalian expression system and the target gene encoding Gln45-Pro193 is expressed with a mFc tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD70
Alternative Name:	CD27 Ligand/TNFSF7/CD70 (CD70 Products)
Background:	Background: CD27 Ligand (CD70) is a 30 kDa type 2 transmembrane glycoprotein that belongs to the tumor necrosis factor (TNF) ligand family. Human CD27 Ligand extracellular region is 64 % aa identical to mouse and rat CD27 Ligand extracellular regions. This cytokine is

Target Details

a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis.

Synonym: CD70 antigen, CD70, CD27 ligand, Tumor necrosis factor ligand superfamily member 7, CD27LG, TNFSF7, CD27L

Molecular Weight: 43 kDa

UniProt: [P32970](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Restrictions: For Research Use only

Handling

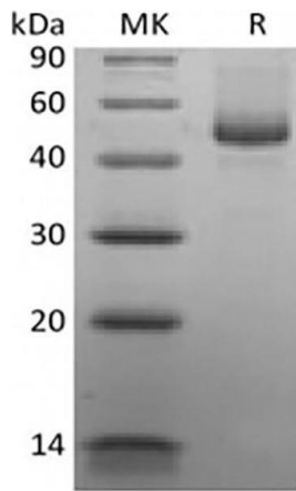
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.