

Datasheet for ABIN7274324

CD70 Protein (AA 50-193, Trimer) (FITC,His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	CD70
Protein Characteristics:	AA 50-193, Trimer
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD70 protein is labelled with FITC,His tag.

Product Details

Purpose:	FITC-Labeled Human CD27 Ligand/CD70 Trimer Protein
Sequence:	Leu50-Pro193
Characteristics:	Recombinant FITC-Labeled Human CD27 Ligand/CD70 Trimer Protein is expressed from HEK293 with His tag at the N-Terminus.It contains Leu50-Pro193.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CD70
Alternative Name:	CD27 Ligand (CD70 Products)

Target Details

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:	51.8 kDa. Due to glycosylation, the protein migrates to 63-68 kDa based on Tris-Bis PAGE result.
UniProt:	P32970-1
Pathways:	Cancer Immune Checkpoints

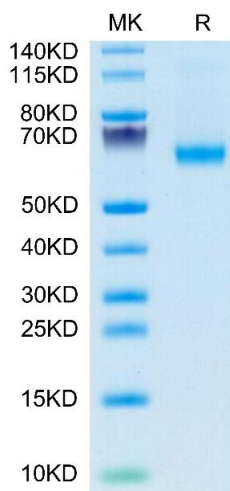
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. FITC-Labeled Human CD27 Ligand/CD70 Trimer on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .