

Datasheet for ABIN7538175
CD70 Protein (Fc Tag)



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1 Image

Overview

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

Product Details

Purpose:	Recombinant mouse CD70 protein with N-terminal human Fc tag
Specificity:	HFc (Glu99-Ala330) Mouse CD70 (Ser45-Pro195)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD70
Alternative Name:	CD70 (CD70 Products)
Background:	Predicted to enable cytokine activity and protease binding activity. Predicted to be involved in several processes, including B cell proliferation, T cell mediated immunity, and extrinsic apoptotic signaling pathway. Predicted to be located in extracellular space and membrane.

Target Details

Predicted to be integral component of membrane. Predicted to be active in plasma membrane. Is expressed in Meckel's cartilage, hip, and skeleton. Human ortholog(s) of this gene implicated in lymphoproliferative syndrome. Orthologous to human CD70 (CD70 Molecule). [provided by Alliance of Genome Resources, Apr 2022]

Molecular Weight: predicted molecular mass of 42.8 kDa after removal of the signal peptide. The apparent molecular mass of hFc-mCD70 is 35-70 kDa due to glycosylation.

UniProt: [O55237](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Restrictions: For Research Use only

Handling

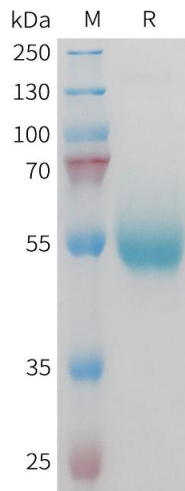
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

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



SDS-PAGE

Image 1. Mouse CD70 Protein, hFc Tag on SDS-PAGE under reducing condition.