PRODUCT INFORMATION

Target	CD70
Synonyms	Cd27l;CD27LG;Tnfsf7;Tnlg8a
Description	Recombinant mouse CD70 protein with N-terminal human Fc tag
Delivery	In Stock
Uniprot ID	O55237
Expression Host	HEK293
Tag	N-Human Fc Tag
Molecular Characterization	hFc(Glu99-Ala330) Mouse CD70(Ser45-Pro195)
Molecular Weight	The protein has a predicted molecular mass of 42.8 kDa after removal of the signal peptide. The apparent molecular mass of hFc-mCD70 is approximately 35-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
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. 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]
Usage	Research use only
Conjugate	Unconjugated

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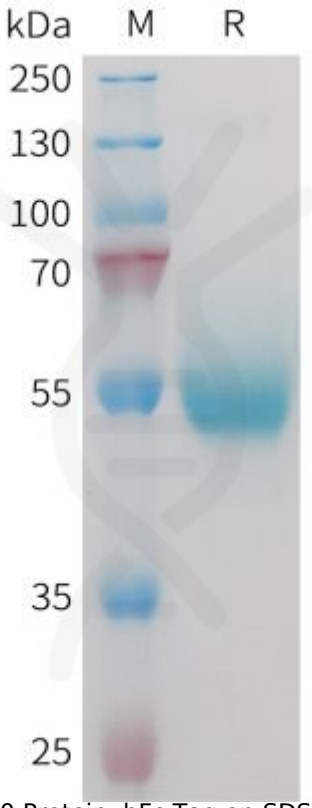


Figure 1. Mouse CD70 Protein, hFc Tag on SDS-PAGE under reducing condition.

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