

Product datasheet for **TP723962**

CD70 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Human CD70 Protein, mFc-His Tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	mFc-Pro99-Lys330+CD70-Gln39-Pro193+6×His
Tag:	N-Mouse Fc and C-6×His
Predicted MW:	45.6 kDa
Purity:	> 95%
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization
Reconstitution Method:	Reconstitute with deionized water
Preparation:	Affinity purification
Applications:	ELISA
Storage:	Store the lyophilized protein at -20°C. After reconstitution, store the protein at -80°C for 12 months. Avoid repeated freezing and thawing.
Stability:	12 months from date of despatch
Locus ID:	970
UniProt ID:	P32970
Summary:	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is 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.



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Product images:

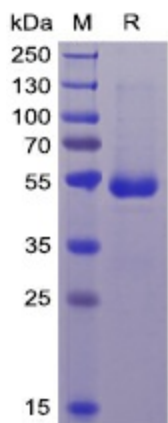


Figure 1. Human CD70 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

Human CD70, mFc-His Tagged protein ELISA

0.2 µg of CD27, hFc Tagged protein per well

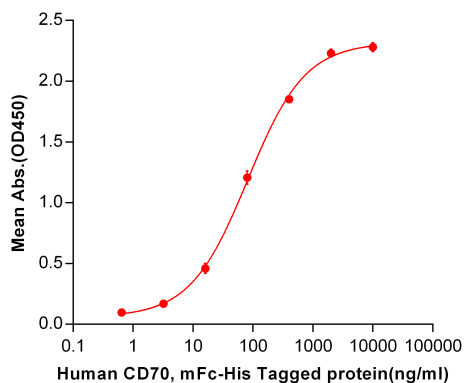


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD27, hFc tagged protein ([TP724010]) can bind Human CD70, mFc-His tagged protein (TP723962) in a linear range of 3.2-400 ng/ml.