

CD70 (Human) Recombinant Protein

Catalog # P9253

Size 20 ug

Specification

Product Description	Human CD70 partial recombinant protein with His tag in N-terminus expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSQRFAQAQQQLPLESLGWDVAELQLNHTGPQQDPRLYWQ GGPALGRSFLHGPELDKGQLRIHRDGIYMVHIQVTLAICSSTTASRHPTTLAVGICSPASRSISLLR LSFHQGCTIASQRLTPLARGDTLCTNLTGTLTPSRNTDETFFGVQWVRP.
Host	Escherichia coli
Theoretical MW (kDa)	19.5
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 80% as determined by SDS-PAGE.
Storage Buffer	Solution (1 mg/mL) containing 20 mM Tris-HCl, pH 8.0, 10% glycerol.
Storage Instruction	Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — CD70

Entrez GeneID [970](#)

Protein Accession# [P32970](#)

Gene Name	CD70
Gene Alias	CD27L, CD27LG, TNFSF7
Gene Description	CD70 molecule
Omim ID	602840
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) lig and 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 immunoglobul in sythesis. [provided by RefSeq
Other Designations	CD27 ligand CD70 antigen Ki-24 antigen surface antigen CD70 tumor necrosis factor (ligand) su perfamily, member 7 tumor necrosis factor ligand superfamily, member 7

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)
- [Ovarian Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)