

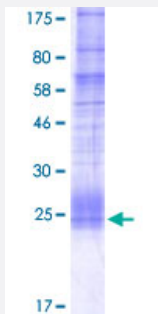
HuPro®

CD70 (Human) Recombinant Protein

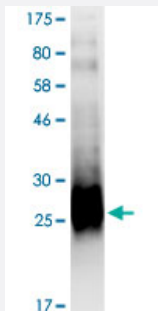
Catalog # H00000970-H01

Size 2 ug

Applications



SDS-PAGE Gel



Western Blot

Specification

Product Description	Purified CD70 (AAH00725.1 52 a.a. - 193 a.a.) human recombinant protein with His-Flag-Strept tag at N-terminus expressed in human cells.
Transfected Cell Line	Human HEK293T cells
Sequence	SLGWDVAELQLNHTGPQQDPRLYWQGGPALGRSFLHGPELDKGQLRIHRDGIMVHIQVTLAICS STTASRHHPTTLAVGICSPASRSISLLRLSFHQGCTIVSQRLTPLARGDTLCTNLTGTLLPSRNTDET FFGVQWVRP
Host	Human
Theoretical MW (kDa)	20.9
Form	Liquid

Preparation Method	Transfection of pSuper-CD70 plasmid into HEK293T cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification	<i>Strep</i> -Tactin affinity columns
Concentration	≥ 10 ug/ml
Quality Control Testing	SDS-PAGE and Western Blot SDS-PAGE Gel Western Blot
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE
- Protein Interaction

Gene Info — CD70

Entrez GeneID	970
GeneBank Accession#	BC000725.1
Protein Accession#	AAH00725.1
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) 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. [provided by RefSeq]

Other Designations

CD27 ligand|CD70 antigen|Ki-24 antigen|surface antigen CD70|tumor necrosis factor (ligand) superfamily, 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](#)