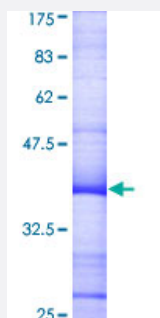


CD70 (Human) Recombinant Protein (Q01)

Catalog # H00000970-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CD70 partial ORF (AAH00725, 84 a.a. - 193 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SFLHGPELDKGLRIHRDGYMVHIQVTLAICSSTTASRHHPTTLAVGICSPASRSISLLRLSFHQGC TIAQRLTPLARGDTLCTNLGTLLPSRNTDETFFGVQWVRP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD70

Entrez GeneID [970](#)

GeneBank Accession# [BC000725](#)

Protein Accession# [AAH00725](#)

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](#)