

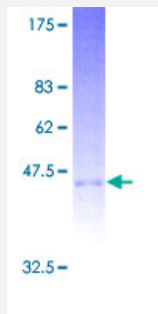
Full-Length

KLRD1 (Human) Recombinant Protein (P01)

Catalog # H00003824-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human KLRD1 full-length ORF (AAH28009, 1 a.a. - 179 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAVFKTTLWRLISGTLGIICLSMATLGILLKNSFTKLSIEPAFTPGPNIELQKDSGCCSCQEKWVGY RCNCYFISSEQKTWNESRHLCASQKSSLLQLQNTDELDFMSSSRQFYWIGLSYSEEHTAWLWEN GSALSQYLFPSFETFNTKNCAYNPNGNALDESCEDKNRYICKQQLI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	45.43
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 — KLRD1

Entrez GeneID [3824](#)

GeneBank Accession# [BC028009](#)

Protein Accession# [AAH28009](#)

Gene Name KLRD1

Gene Alias CD94

Gene Description killer cell lectin-like receptor subfamily D, member 1

Omim ID [602894](#)

Gene Ontology [Hyperlink](#)

Gene Summary Natural killer (NK) cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation. Several genes of the C-type lectin superfamily, including members of the NKG2 family, are expressed by NK cells and may be involved in the regulation of NK cell function. KLRD1 (CD94) is an antigen preferentially expressed on NK cells and is classified as a type II membrane protein because it has an external C terminus. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

Other Designations CD94 antigen

Pathway

- [Antigen processing and presentation](#)
- [Graft-versus-host disease](#)

- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Lupus Erythematosus](#)