Recombinant Human KLRB1 Protein, GST-tagged

Cat. No. KLRB1-4918H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KLRB1 partial ORF (NP_002249, 126 a.a. - 225 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Natural killer (NK) cells are lymphocytes that mediate cytotoxicity and secrete cytokines after immune stimulation. Several genes of the C-type lectin superfamily, including the rodent NKRP1 family of glycoproteins, are expressed by NK cells and may be involved in the regulation of NK cell function. The KLRB1 protein contains an extracellular domain with several motifs characteristic of C-type lectins, a transmembrane domain, and a cytoplasmic domain. The KLRB1 protein is classified as a type II membrane protein because it has an external C terminus. [provided by RefSeq
Molecular Mass	36.74 kDa
AA Sequence	ESSLLLIRDKDELIHTQNLIRDKAILFWIGLNFSLSEKNWKWINGSFLNSNDLEIRGDA KENSCISISQTSVYSEYCSTEIRWICQKELTPVRNKVYPDS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

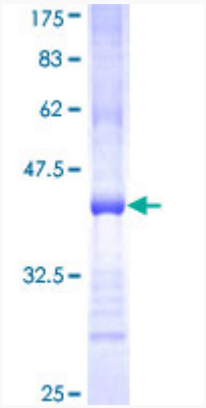
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	KLRB1 killer cell lectin-like receptor subfamily B, member 1 [Homo sapiens]
Official Symbol	KLRB1
Synonyms	KLRB1; killer cell lectin-like receptor subfamily B, member 1; NKR; killer cell lectin-like receptor subfamily B member 1; CD161; CLEC5B; hNKR P1A; NKR P1; NKR P1A; C-type lectin domain family 5 member B; natural killer cell surface protein P1A; NKR-P1; NKRP1A; NKR-P1A; hNKR-P1A; MGC138614;
Gene ID	3820
mRNA Refseq	NM_002258
Protein Refseq	NP_002249
MIM	602890
UniProt ID	Q12918

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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