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KLRB1, human recombinant protein

Killer cell lectin-like receptor subfamily B member 1, CD161, CLEC5B, hNKR-P1A, NKR, NKR-P1, NKR-P1A

Catalog # PBV10976r

Specification

KLRB1, human recombinant protein - Product info

Primary Accession	Q12918
Concentration	1
Calculated MW	21 kDa (183 aa, 67-225 aa + His Tag), confirmed by MALDI-TOF. KDa

KLRB1, human recombinant protein - Additional Info

Gene ID	3820
Gene Symbol	KLRB1

Other Names
Killer cell lectin-like receptor subfamily B member 1, CD161, CLEC5B, hNKR-P1A, NKR, NKR-P1, NKR-P1A, NKRP1A

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥85%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSM QKSSIE KCSVDIQQSR NKTTERPGLL NCPIYWQQLR EKCLLFSHTV NPWNNSLADC STKESSLLLI RDKDELIHTQ NLIRDKAILF WIGLNFSLSE KNWKWINGSF LNSNDLEIRG DAKENSCISI SQTSVYSEYC STEIRWICQK ELTPVRNKVY PDS

Target/Specificity
KLRB1

Format
Liquid

Storage
-80°C; 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.4 M Urea and 10% glycerol.

KLRB1, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KLRB1, human recombinant protein - Images

KLRB1, human recombinant protein - Background

Killer cell lectin-like receptor subfamily B member 1, also known as KLRB1, plays an inhibitory role on natural killer (NK) cells cytotoxicity. 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. Recombinant human KLRB1 protein, fused to His-tag at N-terminus, was expressed in E.coli.