Killer Cell Lectin-Like Receptor Subfamily B Member 1b Allele B (KLRB1B) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Killer cell lectin-like receptor subfamily B member 1B allele B (Klrb1b), Recombinant Protein
Full Product Name	Recombinant Rat Killer cell lectin-like receptor subfamily B member 1B allele B (Klrb1b), partial
Product Gene Name	Klrb1b recombinant protein
Product Synonym Gene Name	Klrb1b
Sequence	QKPL IQNSPADVQE NRTKTTDSPT KLKCPKDWHS HQDKCFHVSQ APNTWNKSLA DCGGKGATLL LIQDQEELRF LRNLTKGKDR SFWIGLNYTL PDKNWKWINS STLNSDVLSI FGDTKQNSCA SISQDKVLSE SCDSDNLWIC QKELKCECMC NGS
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	24,884 Da
Sequence Positions	67-223
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q5NKN4
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Klrb1b recombinant protein	MBS1333730 is a recombinant protein targeting Klrb1b. Also known as Recombinant Rat Killer cell lectin-like receptor subfamily B member 1B allele B (Klrb1b), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Klrb1b recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Klrb1b. It may not necessarily be applicable to this product.

NCBI GI #	93277078
NCBI GeneID	678513
NCBI Accession #	NP_001035279.1
UniProt Primary Accession #	Q5NKN4
UniProt Related Accession #	Q5NKN4

GenBank Nucleotide #	NM_001040189.2
NCBI Official Full Name	killer cell lectin-like receptor subfamily B member 1B allele B
NCBI Official Synonym Full Names	killer cell lectin-like receptor subfamily B member
NCBI Official Symbol	Nkr-p1c
NCBI Official Synonym Symbols	Klrb1b; Nkrp1b; NKR-P1B; NKRP1-B
UniProt Protein Name	Killer cell lectin-like receptor subfamily B member 1B allele B
UniProt Synonym Protein Names	CD161 antigen-like family member B; Immunoreceptor NKR-P1C; Natural killer cell surface protein NKR-P1B allele WAG/PVG/BS; Natural killer lymphocyte receptor P1B; CD_antigen: CD161b
Protein Family	Killer cell lectin-like receptor subfamily
UniProt Gene Name	Klrb1b
NCBI Protein Information	killer cell lectin-like receptor subfamily B member 1B allele B
UniProt Comments for Klrb1b	Receptor for CLEC2D/OCIL. Ligand-binding contributes to inhibition of cytotoxic natural killer (NK) cells. May mediate MHC class I-independent 'missing-self' recognition of allografts, tumor cells and virus-infected cells.
Research Articles on Klrb1b	**1.** NKR-P1C(+) NK cell subset also appears earlier during development and shows a tissue distribution distinct from its complementary Ly49s3(+) subset [NKR-P1C receptor]
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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