Killer Cell Lectin-Like Receptor Subfamily B Member 1f (KLRB1F) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Killer cell lectin-like receptor subfamily B member 1F (Klrb1f), Recombinant Protein
Full Product Name	Recombinant Rat Killer cell lectin-like receptor subfamily B member 1F (Klrb1f), partial
Product Gene Name	Klrb1f recombinant protein
Product Synonym Gene Name	Klrb1f
Sequence	QKPL IEKCSMAAQE NGTEPTGRSA ILECPRHWQP HRNKCLIISQ ISRPWAEGLV ACSMKEATLL IIENEEELKF VQNILKGRQQ LFFIGLNYVQ TEMTWKWING SVLKPNILRI TGSEVENSCA LISHTEVFSD SCSSDNHWIC QKTLKHV
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	24,543 Da
Sequence Positions	67-217
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 Q63378
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Klrb1f recombinant protein	MBS1331509 is a recombinant protein targeting Klrb1f. Also known as Recombinant Rat Killer cell lectin-like receptor subfamily B member 1F (Klrb1f), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Klrb1f 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 Klrb1f. It may not necessarily be applicable to this product.

NCBI GI #	145966851
NCBI GeneID	683758
NCBI Accession #	NP_001078872.1
UniProt Primary Accession #	Q63378
UniProt Related Accession #	Q63378
GenBank Nucleotide #	NM_001085403.1

NCBI Official Full Name	killer cell lectin-like receptor subfamily B member 1F
NCBI Official Synonym Full Names	killer cell lectin-like receptor subfamily B member 1C
NCBI Official Symbol	Klrb1c
NCBI Official Synonym Symbols	Klrb1f; NKR-P1F
UniProt Protein Name	Killer cell lectin-like receptor subfamily B member 1F
UniProt Synonym Protein Names	Natural killer cell surface protein NKR-P1F
Protein Family	Killer cell lectin-like receptor subfamily
UniProt Gene Name	Klrb1f
NCBI Protein Information	killer cell lectin-like receptor subfamily B member 1F
UniProt Comments for Klrb1f	Binds CLEC2I/Clr-g leading to activation of natural killer cells or stimulation of IL-2 production and proliferation of T-cells in response to antigen stimulation. May contribute to the formation of the immunological synapse between T-cells and antigen-presenting dendritic cells ().
Research Articles on Klrb1f	**1.** NKR-P1F and NKR-P1G receptors expressed by NK cells and T lymphocytes in liver and gut have been functionally characterized.
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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