Recombinant Mouse Klrb1f Protein, Fc-tagged

Cat. No. Klrb1f-920M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain of mouse KLRB1F (Q8VD98) (Gln 67-Val 217) was fused with the Fc region of human IgG1 at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	67-217 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse KLRB1F/Fc is a disulfide-linked homodimer. The reduced monomer comprises 411 amino acids and has a calculated molecular mass of 46 kDa. As a result of glycosylation, the apparent molecular mass of the monomer is approximately 52 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>88 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be

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	aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Klrb1f killer cell lectin-like receptor subfamily B member 1F [Mus musculus]
Official Symbol	Klrb1f
Synonyms	Nkrp1f; Nkr-p1f; Nkrp1-f; A630024B12Rik; CD161 antigen-like family member F; natural killer cell surface protein NKR-P1F
Gene ID	232408
mRNA Refseq	NM_153094
Protein Refseq	NP_694734
MIM	
UniProt ID	Q8VD98
Chromosome Location	6; 6 F3
Pathway	Adaptive Immune System, organism-specific biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell, organism-specific biosystem
Function	carbohydrate binding; protein binding; receptor activity

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