Recombinant Mouse KLRK1 protein(Phe77-Val219), hFc-tagged

Cat. No. KLRK1-1055M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse KLRK1 (NP_001076791.1) (Phe77-Val219) was expressed in Insect Cells with the Fc region of Human IgG1 at the N-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	Phe77-Val219
Form	Lyophilized from sterile 20 mM Tris, 250 mM NaCl, pH 8.0, 10 % glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse KLRK1 consists of 403 amino acids and predicts a molecular mass of 44.9 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Klrk1 killer cell lectin-like receptor subfamily K, member 1 [Mus musculus]
Official Symbol	KLRK1
Synonyms	KLRK1; killer cell lectin-like receptor subfamily K, member 1; NKG2-D type II integral membrane protein; NK cell receptor D; natural killer cell group 2D; NKG2-D-activating NK receptor; Nkg2d; NKG2-D; D6H12S2489E;
Gene ID	27007
mRNA Refseq	NM_001083322
Protein Refseq	NP_001076791

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