

Recombinant Mouse Klrk1 protein (Phe77-Val219), hFc-tagged

Cat. No. Klrk1-1752M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse KLRK1 (NP_001076791.1) (Phe77-Val219) protein, fused with the Fc region of human IgG1 at the N-terminus, was expressed in HEK293 Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	77-219 a.a.
CommonName	Klrk1
Predicted N Terminal	Glu
Form	Lyophilized from sterile 20 mM Tris, 250 mM NaCl, pH 8.0, 10 % glycerol, 5 % trehalose, 5% mannitol and 0.01% Tween80.
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 of the 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

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be 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 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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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