Active Recombinant Human KLRK1 protein, hFc-tagged

Cat. No. KLRK1-350H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human KLRK1 protein(NP_031386.2)(Phe78-Val216) was expressed in CHO with the Fc region of human IgG1 at the N-terminus.
Species	Human
Source	CHO
ProteinLength	78-216 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Immobilized human ULBP1-His at 10 μg/ml (100 μl/well) can bind human S4-Fc3L3-NKG2D, The EC50 of human S4-Fc3L3-NKG2D is 0.39-0.91 μg/ml.
Molecular Mass	The recombinant human NKG2D/Fc comprises 418 amino acids and has a predicted molecular mass of 46.5 kDa. The apparent molecular mass of the protein is approximately 50-64 and 37 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	(81.4+13.9) % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

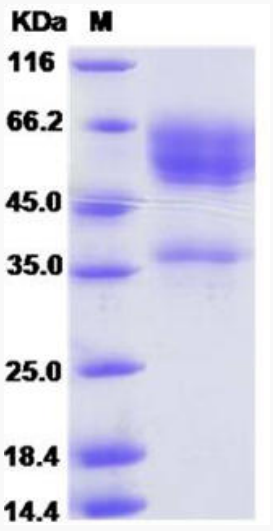
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	KLRK1 killer cell lectin-like receptor subfamily K, member 1 [Homo sapiens]
Official Symbol	KLRK1
Synonyms	KLRK1; killer cell lectin-like receptor subfamily K, member 1; D12S2489E, DNA segment on chromosome 12 (unique) 2489 expressed sequence; NKG2-D type II integral membrane protein; CD314; KLR; NKG2 D; NKG2D; NK cell receptor D; NKG2-D-activating NK receptor; NKG2-D; D12S2489E; FLJ17759; FLJ75772;
Gene ID	22914
mRNA Refseq	NM_007360
Protein Refseq	NP_031386
MIM	611817
UniProt ID	P26718

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SDS-PAGE	

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