Active Recombinant Human KLRK1 protein, His-tagged

Cat. No. KLRK1-0584H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLRK1 protein(Ile73-Val216), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	73-216 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human NKG2D, His Tag at 2 μg/mL (100 μL/well) can bind Human MICA, Fc Tag with a linear range of 0.5-2 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus.The protein has a calculated MW of 18.5 kDa. The protein migrates as 30-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ile73-Val216
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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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