

Active Recombinant Human KLRK1 protein, His-tagged

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

SPECIFICATION

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|-------------------------|--|
| 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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