

Active Recombinant Human KLRK1 protein, Avi-His-tagged, Biotinylated, Low Endotoxin

Cat. No. KLRK1-718HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human KLRK1 protein(P26718)(78-216 aa), fused with N-terminal Avi-His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	78-216 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human NKG2D, His-Avi Tag at 1µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human MICA, hFc Tag with the EC50 of 2.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 19.0 kDa. Due to glycosylation, the protein migrates to 36-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC

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Storage Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

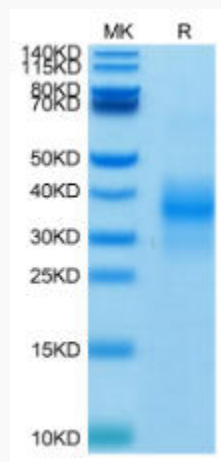
UniProt ID [P26718](#)

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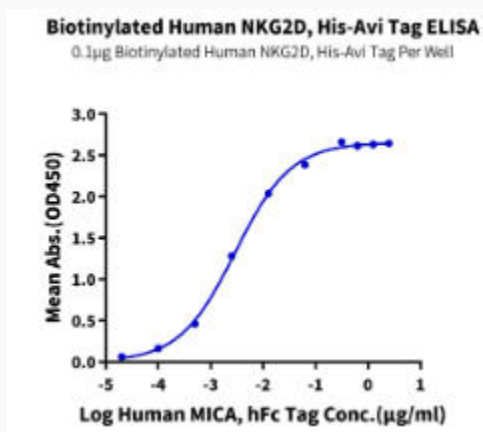
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Bis-Tris PAGE



ELISA Data



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