

# Active Recombinant Human KLRK1 protein, Avi-Fc-tagged, Biotinylated

Cat. No. KLRK1-0581H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human KLRK1 protein(Ile73-Val216), fused with Fc and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	73-216 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human MICA, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human NKG2D, Avitag,Fc Tag with a linear range of 0.6-20 ng/mL.
<b>Molecular Mass</b>	This protein carries an Avi tag (Avitag) at the N-terminus, followed by a human IgG1 Fc tag. The protein has a calculated MW of 44.8 kDa. The protein migrates as 55-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Ile73-Val216
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">KLRK1 killer cell lectin-like receptor subfamily K, member 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">KLRK1</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">22914</a>
<b>mRNA Refseq</b>	<a href="#">NM_007360</a>
<b>Protein Refseq</b>	<a href="#">NP_031386</a>
<b>MIM</b>	<a href="#">611817</a>
<b>UniProt ID</b>	<a href="#">P26718</a>

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