

# Recombinant Human KLRD1 protein(Lys32-Ile179), hFc-tagged

Cat. No. KLRD1-2381H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human KLRD1 (Q13241-1) (Lys32-Ile179) was expressed in HEK293 with the Fc region of Human IgG1 at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Lys32-Ile179
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human KLRD1 consists of 385 amino acids and predicts a molecular mass of 43.8 kDa. As a result of glycosylation, it migrates as an approximately 52.7 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. 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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	KLRD1 killer cell lectin-like receptor subfamily D, member 1 [ Homo sapiens ]
<b>Official Symbol</b>	KLRD1
<b>Synonyms</b>	KLRD1; killer cell lectin-like receptor subfamily D, member 1; CD94; natural killer cells antigen CD94; KP43; CD94 antigen; NK cell receptor;
<b>Gene ID</b>	3824
<b>mRNA Refseq</b>	NM_001114396
<b>Protein Refseq</b>	NP_001107868
<b>MIM</b>	602894
<b>UniProt ID</b>	Q13241

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