

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

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

SPECIFICATION

Product Overview	Recombinant Human KLRD1 (Q13241-1) (Lys32-Ile179) was expressed in HEK293 with the Fc region of Human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	Lys32-Ile179
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GENE INFORMATION

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

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