

Recombinant Human KLRF1 Protein, His Tagged

Cat. No. KLRF1-11195H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NKp80 Protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Leu 60-Tyr 231 (Accession # Q9NZS2-1). This protein carries a polyhistidine tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	60-231 aa
Description	KLRF1, an activating homodimeric C-type lectin-like receptor(CTLR), is expressed on nearly all natural killer(NK)cells and stimulates their cytotoxicity and cytokine release.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Molecular Mass	The protein has a calculated MW of 23.9 kDa. The protein migrates as 33-43 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity	>90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	This product is stable after storage at: -20 to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name [KLRF1 killer cell lectin-like receptor subfamily F, member 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [KLRF1](#)

Synonyms KLRF1; killer cell lectin-like receptor subfamily F, member 1; killer cell lectin-like receptor subfamily F member 1; CLEC5C; NKp80; lectin-like receptor F1; activating coreceptor NKp80; killer cell lectin-like receptor F1; C-type lectin domain family 5 member C; MGC119907; MGC119908; MGC119909;

Gene ID [51348](#)

mRNA Refseq [NM_016523](#)

Protein Refseq [NP_057607](#)

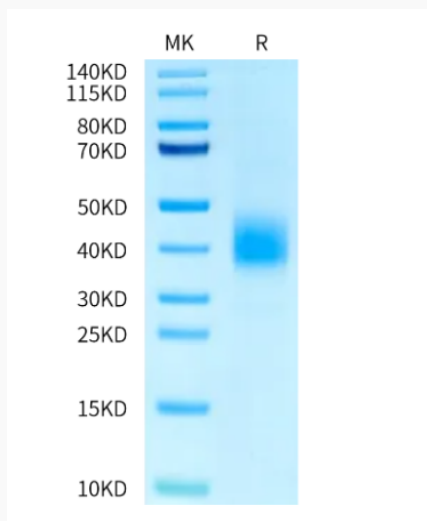
MIM [605029](#)

UniProt ID [Q9NZS2](#)

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SDS-PAGE

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