

Active Recombinant Human KLRC1 protein, hFc-tagged, Low Endotoxin

Cat. No. KLRC1-3365H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLRC1 protein(P26715-1)(Arg100-Ala219), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	100-219 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human NKG2A, hFc Tag at 5µg/ml (100µl/Well) on Fc Antibody (2µg/ml) precoated plate. Dose response curve for Biotinylated Anti-NKG2A Antibody, hFc Tag with the EC50 of 27.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 41.1 kDa. Due to glycosylation, the protein migrates to 55-70 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; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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

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

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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 [KLRC1 killer cell lectin-like receptor subfamily C, member 1 \[Homo sapiens \]](#)

Official Symbol [KLRC1](#)

Synonyms

KLRC1; killer cell lectin-like receptor subfamily C, member 1; NKG2; NKG2-A/NKG2-B type II integral membrane protein; CD159a; NKG2 1/B activating NK receptor; NKG2 A; NKG2 B; NK cell receptor A; C-lectin type II protein; natural killer cell lectin; natural killer group protein 2; NKG2-1/B activating NK receptor; NKG2-A/B-activating NK receptor; CD159 antigen-like family member A; NKG2-A/B type II integral membrane protein; NKG2A; CD159A; MGC13374; MGC59791;

Gene ID [3821](#)

mRNA Refseq [NM_002259](#)

Protein Refseq [NP_002250](#)

MIM [161555](#)

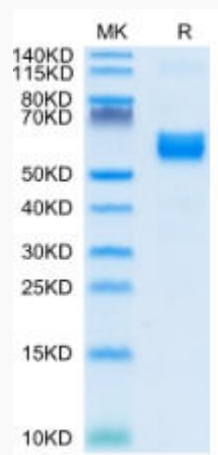
UniProt ID [P26715](#)

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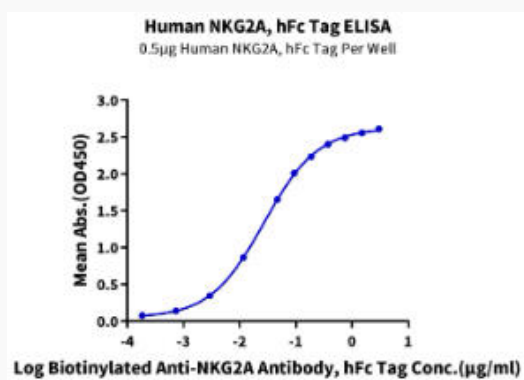
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Bis-Tris PAGE



ELISA Data



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