

Active Recombinant Human NCR1 protein, mFc-tagged, Low Endotoxin

Cat. No. NCR1-6634H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NCR1 protein(O76036-1)(Gln22-Asn255), fused with C-terminal mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-255 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 NKp46, mFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-Nkp46 Antibody, hFc Tag with the EC50 of 14.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 52.9 kDa. Due to glycosylation, the protein migrates to 65-75 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

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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 [NCR1 natural cytotoxicity triggering receptor 1 \[Homo sapiens \]](#)

Official Symbol [NCR1](#)

Synonyms NCR1; natural cytotoxicity triggering receptor 1; LY94, lymphocyte antigen 94 (mouse) homolog (activating NK receptor; NK p46); CD335; NK p46; NKP46; NK cell-activating receptor; natural killer cell p46-related protein; lymphocyte antigen 94 homolog (activating NK-receptor; NK-p46); LY94; NK-p46; FLJ99094;

Gene ID [9437](#)

mRNA Refseq [NM_001145457](#)

Protein Refseq [NP_001138929](#)

MIM [604530](#)

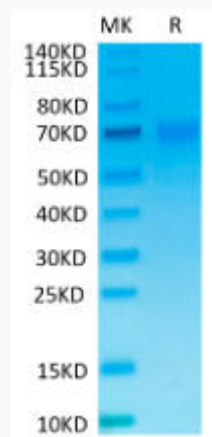
UniProt ID [O76036](#)

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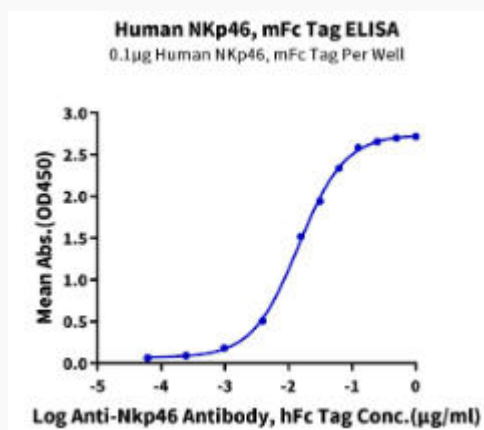
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Bis-Tris PAGE



ELISA Data



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