

Recombinant Human NCR1 protein, mFc-tagged

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	Gln22-Asn255
Tag	C-mFc
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 (100ul/well) on the plate. Dose response curve for Anti-Nkp46 Antibody, hFc Tag with the EC50 of 22.0ng/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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. 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