Active Recombinant Human NCR1 protein, Fc-tagged

Cat. No. NCR1-0526H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NCR1 protein(Gln22-Asn254), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-254 a.a.
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 10 mM NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human NKp46, Fc Tag, premium grade at 1 μg/mL (100 μL/well) can bind Anti-NKP46 Antibody, Human IgG1 with a linear range of 0.2-4 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminusThe protein has a calculated MW of 53.0 kDa. The protein migrates as 60-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gln22-Asn254
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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