

Active Recombinant Human NCR3 protein, IFc-tagged

Cat. No. NCR3-0563H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NCR3 protein(Leu19-Gly135), fused with IFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-135 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human NKp30, Llama IgG2b Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human B7-H6, Fc,Avitag with a linear range of 0.6-20 ng/mL. Immobilized Human B7-H6, His Tag at 5 µg/mL (100 µL/well) can bind Human NKp30, Llama IgG2b Fc Tag with a linear range of 0.6-78 ng/mL. Please note that there may be a cross-reaction between anti-human IgG Fc antibodies and llama IgG Fc tag, also between anti-llama IgG Fc antibodies and human IgG Fc tag.
Molecular Mass	This protein carries a llama IgG2b Fc tag at the C-terminus.The protein has a calculated MW of 40.7 kDa. The protein migrates as 50-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Leu19-Gly135

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Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
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	NCR3 natural cytotoxicity triggering receptor 3 [Homo sapiens]
Official Symbol	NCR3
Synonyms	NCR3; natural cytotoxicity triggering receptor 3; LY117, lymphocyte antigen 117; 1C7; CD337; NKp30; NK-p30; lymphocyte antigen 117; activating NK-A1 receptor; activating natural killer receptor p30; natural killer cell p30-related protein; MALS; LY117;
Gene ID	259197
mRNA Refseq	NM_001145466
Protein Refseq	NP_001138938
MIM	611550
UniProt ID	O14931

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