

Recombinant Human NCR1 protein, T7/His-tagged

Cat. No. NCR1-87H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD335 extracellular domain cDNA (22-258 aa, Isoform-a) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	22-258 a.a.
Form	0.50 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGEFQQQTLPKPFWAEPHFMVPKEKQVTI CCQGNYGAVEYQLHFEGSLFA VDRPKPPERINKVKFYIPDMNSRMAGQYSCIYRVG ELWSEPSNLLDLVVTEMYDTPTLSVHPGPEVISGEKVTFY CRLDTATSMFLLKEGR SSHVQRGYGVKQAEFPLGPVTTAHRGTYRCFGSYNNHAWSFSEPVKLLVTGDIEN TS LAPEDPTFPADTWGTYLLTTETGLQKDHALWDHTAQNLLR
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro CD335 mediated NK cell activation regulatory study with this protein as either soluble factor or coating matrix.2. May be used for CD335 protein-protein interaction assay.3. Potential biomarker for Sezary syndrome diagnosis when combined with PLS3, Twist, KIR3DL2 protein detection.4. May be used for specific antibody production.

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Storage

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

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 (act

Gene ID

9437

mRNA Refseq

NM_001145457

Protein Refseq

NP_001138929

MIM

604530

UniProt ID

O76036

**Chromosome
Location**

19

Pathway

Natural killer cell mediated cytotoxicity, organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem;

Function

receptor activity; receptor signaling protein activity;

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