

Recombinant Human NCR2, His-tagged

Cat. No. NCR2-5003H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NKP44 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
Description	NCR2 belongs to the natural cytotoxicity receptor (NCR) family and contains 1 Ig-like (immunoglobulin-like) domain. This protein interacts with TYROBP/DAP12 and is selectively expressed by activated NK cells and by in vitro cultured (i.e. activated) TCRg/d lymphoid cells. NCR2 is a cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	15.0 kDa (133aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MSQAQSKAQV LQSVAGQTLT VRCQYPPTGS LYEKKGWCKE ASALVCIRLV TSSKPRTMAW TSRFTIWDDP DAGFFTVM DLREEDSGHY WCRIYRPSDN SVSKSVRFYL VVS
Purity	>80 % by SDS - PAGE
Applications	SDS-PAGE

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Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	NCR2 natural cytotoxicity triggering receptor 2 [Homo sapiens]
Official Symbol	NCR2
Synonyms	NCR2; natural cytotoxicity triggering receptor 2; LY95, lymphocyte antigen 95 (activating NK receptor; NK p44); CD336; NK p44; NK cell-activating receptor; NK cell activating receptor (NKp44); natural killer cell p44-related protein; lymphocyte antigen 95 (activating NK-receptor; NK-p44); lymphocyte antigen 95 homolog (activating NK-receptor; LY95; NKP44; NK-p44; dJ149M18.1;
Gene ID	9436
mRNA Refseq	NM_001199509
Protein Refseq	NP_001186438
MIM	604531
UniProt ID	O95944
Chromosome Location	6p21.1

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Pathway	Natural killer cell mediated cytotoxicity, organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem;
Function	receptor activity; transmembrane signaling receptor activity;

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