

## Recombinant Human NCR2, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human NKP44 protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
<b>Molecular Mass</b>	15.0 kDa (133aa)
<b>AA Sequence</b>	MGSSHHHHHHH SSGLVPRGSH MSQAQSKAQV LQSVAGQTLT VRCQYPPTGS LYEKKGWCKE ASALVCIRLV TSSKPRTMAW TSRFTIWDDP DAGFFTVM DLREEDSGHY WCRIYRPSDN SVSKSVRFYL VVS
<b>Purity</b>	>80 % by SDS - PAGE
<b>Applications</b>	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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<b>Pathway</b>	Natural killer cell mediated cytotoxicity, organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem;
<b>Function</b>	receptor activity; transmembrane signaling receptor activity;

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