

Recombinant Human NCR3, His-tagged

Cat. No. NCR3-5087H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human NCR3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	NCR3, also known as NKP30, is a natural cytotoxicity receptor (NCR) that may aid NK cells in the lysis of tumor cells. The encoded protein interacts with CD3-zeta (CD247), a T-cell receptor. A single nucleotide polymorphism in the 5' untranslated region of this gene has been associated with mild malaria susceptibility. Three transcript variants encoding different isoforms have been found for this gene.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	15.3 kDa (141aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHHH SSGLVPRGSH MLWVSQPPEI RTLEGSSAFL PCSFNASQGR LAIGSVTWFR DEVVPGKEVR NGTPEFRGRL APLASSRFLH DHQAELHIRD VRGHDASIYV CRVEVLGLGV GTGNGTRLVV EKEHPQLGAG T
Purity	>90% by SDS - PAGE
Applications	SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 0.5 mg/ml (determined by Bradford assay)

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](#)

Chromosome Location 6p21.3

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

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mediated cytotoxicity, conserved biosystem;

Function

receptor activity;

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