

## Recombinant Human NCR3 Protein, His-tagged

Cat. No. NCR3-398H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human NCR3 protein with His tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	201
<b>Description</b>	The protein encoded by this gene 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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	13.7 kDa
<b>AA Sequence</b>	MAWMLLLILIMVHPGSCALWWSQPPEIRTLLEGSSAFLPCSFNASQGRLAIGSVTWFR DEVVPGKEVRNGTPEFRGRLAPLASSRFLHDHQAEHLHIRDVRGHDASIYVCRVEVL GLGVGTGNGTRLVVEKEHPQLGAGTVLLLLRAGFYAVSFLSVAVGSTVYYQGKCLTW KGPRRQLPAVVPAPLPPPCGSSAHLPPVPGG
<b>Purity</b>	> 98%

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<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">NCR3 natural cytotoxicity triggering receptor 3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">NCR3</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">259197</a>
<b>mRNA Refseq</b>	<a href="#">NM_001145466</a>

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**Protein Refseq** NP\_001138938

**MIM** 611550

**UniProt ID** O14931

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