

Recombinant Human NCR3 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human NCR3 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	201
Description	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.
Form	Lyophilized
Molecular Mass	13.7 kDa
AA Sequence	MAWMLLLILIMVHPGSCALWVSQPPEIRTLLEGSSAFLPCSFNASQGRLAIGSVTWFR DEVVPGKEVRNGTPEFRGRLAPLASSRFLHDHQAELHIRDVRGHDASIYVCRVEVL GLGVGTGNGTRLVVEKEHPQLGAGTVLLLLRAGFYAVSFLSVAVGSTVYYQ GKCLTW KGPRRQLPAVVPAPLPPPCGSSAHLPPVPGG
Purity	> 98%

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Applications	WB; ELISA; FACS; FC
Stability	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.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	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

Gene Name	NCR3 natural cytotoxicity triggering receptor 3 [Homo sapiens (human)]
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

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Protein Refseq	NP_001138938
MIM	611550
UniProt ID	O14931

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