

Product information



NCR3, 19-138aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2583

Full name: Natural cytotoxicity triggering receptor 3

NCBI Accession No.: NP_001138939

Synonyms: 1C7, CD337, LY117, MALS, NKp30

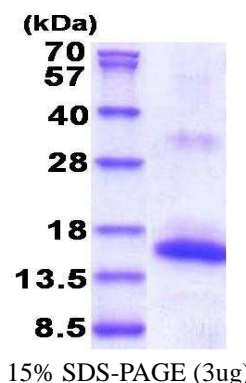
Description: NCR3, also known as NKP30, is a natural cytotoxicity receptor (NCR) that may aid NK cells in the lysis of tumor cells. The encoded protein interacts with CD3-zeta (CD247), a T-cell receptor. A single nucleotide polymorphism in the 5' untranslated region of this gene has been associated with mild malaria susceptibility. Three transcript variants encoding different isoforms have been found for this gene. Recombinant human NCR3 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl,
10% glycerol, 1mM DTT

Molecular Weight: 15.3 kDa (141aa) confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MLWVSQPPEI RTLEGSSAFL PCSFNASQGR LAIGSVTWFR DEVVPGKEVR NGTPEFRGRL APLASSRFLH
DHQAEHLIRD VRGHDASIYV CRVEVLGLGV GTGNGTRLVV EKEHPQLGAG T

General references:

Venter J.C., *et al.* (2001) *Science*. 291:1304-1351

Gerhard D.S., *et al.* (2004) *Genome Res.* 14:2121-2127

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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