

Specifications:

Gene:	hNCR1
Accession:	NP_004820
Insert size:	928bp
Concentration:	10µg at 0.2µg/µL

hNKp46/NCR1 cDNA Plasmid

NCR1 natural cytotoxicity triggering receptor 1 [*Homo sapiens* (human)]

Also known as: LY94; CD335; NKp46; NK-p46

Summary:

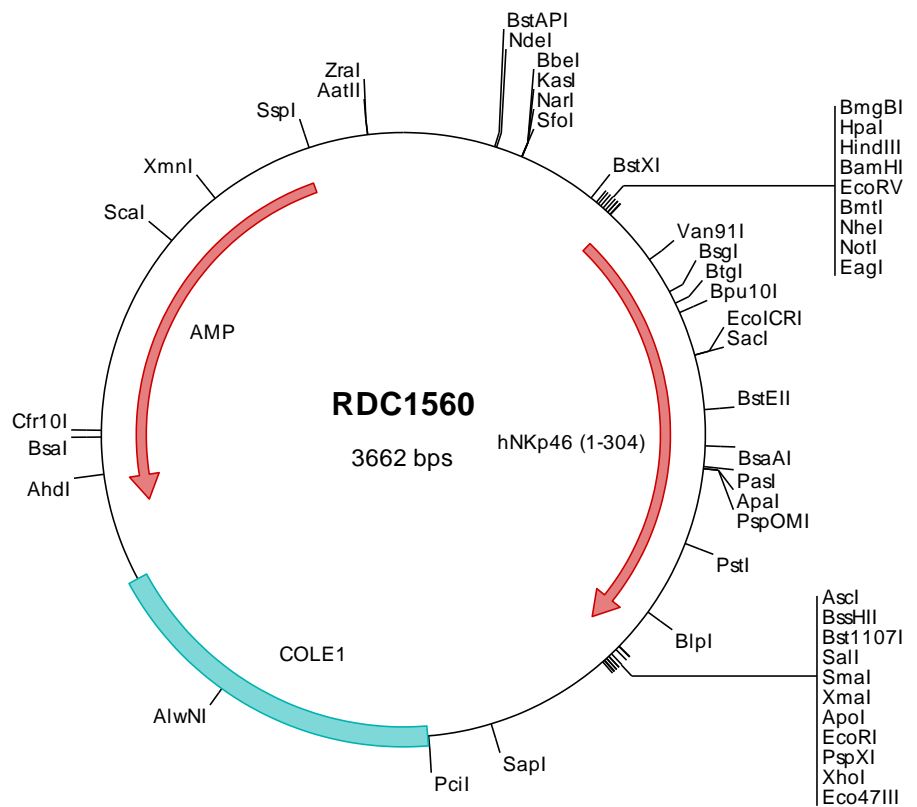
NKp46 is expressed exclusively by NK cells and plays a major role in triggering some of the key lytic activities of NK cells. Through its positive charge in the transmembrane domain, NKp46 associates with the ITAM-bearing signal adapter proteins, CD3 zeta and Fc epsilon R1 gamma, which are able to form disulfide-linked homodimers and heterodimers. NKp46 has also been implicated in recognition of virus-infected cells through its capacity to bind to viral hemagglutinins.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1560 Plasmid DNA Sequence

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> RDC1560 Translated Insert Sequence

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