

Datasheet for ABIN4937371

## Human NCR2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	NKp44/NCR2 (NCR2)
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

### Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human NCR2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	831 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCCTGGC GAGCCCTACA CCCACTGCTA CTGCTGCTGC TGCTGTTCCC AGGCTCTCAG GCACAATCCA AGGCTCAGGT ACTTCAAAGT GTGGCAGGGC AGACGCTAAC CGTGAGATGC CAGTACCCGC CCACGGGCAG TCTCTACGAG AAGAAAGGCT GGTGTAAGGA GGCTTCAGCA CTTGTGTGCA TCAGGTTAGT CACCAGCTCC AAGCCCAGGA CGATGGCTTG GACCTCTCGA TTCACAATCT GGGACGACCC TGATGCTGGC TTCTTCACTG TCACCATGAC TGATCTGAGA

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## Product Details

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GAGGAAGACT CAGGACATTA CTGGTGTAGA ATCTACCGCC CTTCTGACAA CTCTGTCTCT  
AAGTCCGTCA GATTCTATCT GGTGGTATCT CCAGCCTCTG CCTCCACACA GACCTCCTGG  
ACTCCCCGCG ACCTGGTCTC TTCACAGACC CAGACCCAGA GCTGTGTGCC TCCCCTGCA  
GGAGCCAGAC AAGCCCCTGA GTCTCCATCT ACCATCCCTG TCCCTTCACA GCCACAGAAC  
TCCACGCTCC GCCCTGGCCC TGCAGCCCCC ATTGCCCTGG TGCCTGTGTT CTGTGGACTC  
CTCGTAGCCA AGAGCCTGGT GCTGTCAGCC CTGCTCGTCT GGTGGGGGGA CATATGGTGG  
AAAACCATGA TGGAGCTCAG GAGCCTGGAT ACCCAAAAAG CCACCTGCCA CCTTCAACAG  
GTCACGGACC TTCCCTGGAC CTCAGTTTCC TCACCTGTAG AGAGAGAAAT ATTATATCAC  
ACTGTTGCAA GGACTAAGAT AAGCGATGAT GATGATGAAC AACTTTGTG A

Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

Characteristics: Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.

Sequencing Primer: 

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Grade: End-sequenced

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

## Target Details

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Gene: NKp44/NCR2 (NCR2)

Alternative Name: NCR2 ([NCR2 Products](#))

Gene ID: 9436

NCBI Accession: [NM\\_004828](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Storage: RT/-20 °C

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## Handling

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- Storage Comment:
- Keep the vial sealed and store at -20°C for long-term storage.
  - Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
  - Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.
  - If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
  - Close the lid and vortex the vial for 1 minute.
  - Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.
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Expiry Date: 12 months

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)