

Product datasheet for RC227395L3

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NCR3 (NM_001145467) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: NCR3 (NM_001145467) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: NCR3

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

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

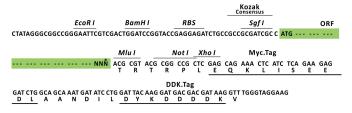
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC227395).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:



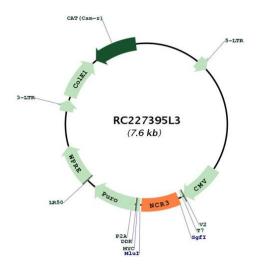


^{*} The last codon before the Stop codon of the ORF.





Plasmid Map:



ACCN: NM_001145467

ORF Size: 570 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: NM 001145467.1

RefSeq ORF: 573 bp **Locus ID:** 259197



NCR3 (NM_001145467) Human Tagged Lenti ORF Clone - RC227395L3

 UniProt ID:
 O14931

 Cytogenetics:
 6p21.33

Protein Families: Druggable Genome, ES Cell Differentiation/IPS

Protein Pathways: Natural killer cell mediated cytotoxicity

MW: 20.5 kDa

Gene Summary: 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 suceptibility. Three transcript variants encoding different

isoforms have been found for this gene.[provided by RefSeq, May 2010]