Product datasheet for RC227357L2V

NCR3 (NM_001145466) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NCR3 (NM_001145466) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NCR3
Synonyms:	1C7; CD337; LY117; MALS; NKp30
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001145466
ORF Size:	531 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227357).
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.
RefSeq:	NM_001145466.1
RefSeq ORF:	534 bp
Locus ID:	259197
UniProt ID:	O14931
Cytogenetics:	6p21.33
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS
Protein Pathways:	Natural killer cell mediated cytotoxicity
MW:	19.1 kDa

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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]