

Product datasheet for **RR213952L3V**

Nit2 (NM_001034126) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nit2 (NM_001034126) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Nit2
Synonyms:	RGD1310494
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001034126
ORF Size:	828 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR213952).
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_001034126.1 , NP_001029298.1
RefSeq Size:	1054 bp
RefSeq ORF:	831 bp
Locus ID:	288174
UniProt ID:	Q497B0
Cytogenetics:	11q12



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Gene Summary:

Has a omega-amidase activity. The role of omega-amidase is to remove potentially toxic intermediates by converting alpha-ketoglutaramate and alpha-ketosuccinamate to biologically useful alpha-ketoglutarate and oxaloacetate, respectively.[UniProtKB/Swiss-Prot Function]