Product datasheet for RC200087L4V

NARS (NARS1) (NM_004539) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NARS (NARS1) (NM_004539) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NARS1
Synonyms:	ASNRS; NARS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004539
ORF Size:	1644 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200087).
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_004539.2
RefSeq Size:	2868 bp
RefSeq ORF:	1647 bp
Locus ID:	4677
UniProt ID:	O43776
Cytogenetics:	18q21.31
Domains:	tRNA-synt_2, tRNA_anti
Protein Pathways:	Aminoacyl-tRNA biosynthesis

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MW: 62.9 kDa

Gene Summary: Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. Asparaginyl-tRNA synthetase is localized to the cytoplasm and belongs to the class II family of tRNA synthetases. The N-terminal domain represents the signature sequence for the eukaryotic asparaginyl-tRNA synthetases. [provided by RefSeq, Jul 2008]