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Product datasheet for RC200131L4V

NAD Synthetase (NADSYN1) (NM_018161) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NAD Synthetase (NADSYN1) (NM_018161) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NAD Synthetase
Synonyms:	VCRL3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018161
ORF Size:	2118 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC200131).`
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_018161.4
RefSeq Size:	2453 bp
RefSeq ORF:	2121 bp
Locus ID:	55191
UniProt ID:	Q6IA69
Cytogenetics:	11q13.4
Domains:	CN_hydrolase, NAD_synthase
Protein Pathways:	Metabolic pathways, Nicotinate and nicotinamide metabolism

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MW: 79.3 kDa

Gene Summary: Nicotinamide adenine dinucleotide (NAD) is a coenzyme in metabolic redox reactions, a precursor for several cell signaling molecules, and a substrate for protein posttranslational modifications. NAD synthetase (EC 6.3.5.1) catalyzes the final step in the biosynthesis of NAD from nicotinic acid adenine dinucleotide (NaAD).[supplied by OMIM, Apr 2004]