

Product datasheet for **RC200544L4V**

NADK (NM_023018) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NADK (NM_023018) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NADK
Synonyms:	dj283E3.1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023018
ORF Size:	1338 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200544).
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_023018.3
RefSeq Size:	3244 bp
RefSeq ORF:	1341 bp
Locus ID:	65220
UniProt ID:	O95544
Cytogenetics:	1p36.33
Domains:	NAD_kinase
Protein Families:	Druggable Genome



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Protein Pathways: Metabolic pathways, Nicotinate and nicotinamide metabolism

MW: 49.2 kDa

Gene Summary: NADK catalyzes the transfer of a phosphate group from ATP to NAD to generate NADP, which in its reduced form acts as an electron donor for biosynthetic reactions (Lerner et al., 2001 [PubMed 11594753]).[supplied by OMIM, Mar 2008]