

Product datasheet for **RC204356L4V**

NAPRT1 (NAPRT) (NM_145201) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NAPRT1 (NAPRT) (NM_145201) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NAPRT1
Synonyms:	NAPRT1; PP3856
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145201
ORF Size:	1398 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204356).
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_145201.3 , NP_660202.2
RefSeq Size:	1875 bp
RefSeq ORF:	1617 bp
Locus ID:	93100
UniProt ID:	Q6XQN6
Cytogenetics:	8q24.3
MW:	49.4 kDa



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Gene Summary:

Nicotinic acid (NA; niacin) is converted by nicotinic acid phosphoribosyltransferase (NAPRT; EC 2.4.2.11) to NA mononucleotide (NaMN), which is then converted to NA adenine dinucleotide (NaAD), and finally to nicotinamide adenine dinucleotide (NAD), which serves as a coenzyme in cellular redox reactions and is an essential component of a variety of processes in cellular metabolism including response to stress (Hara et al., 2007).[supplied by OMIM, Mar 2008]