

## Product datasheet for **RR206612L4V**

### **Nagk (NM\_001037768) Rat Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Nagk (NM_001037768) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Nagk
Synonyms:	MGC124788
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001037768
ORF Size:	1029 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR206612).
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. <a href="#">More info</a>
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:	<a href="#">NM_001037768.1</a> , <a href="#">NP_001032857.1</a>
RefSeq Size:	1203 bp
RefSeq ORF:	1032 bp
Locus ID:	297393
UniProt ID:	<a href="#">P81799</a>
Cytogenetics:	4q34



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**Gene Summary:**

Converts endogenous N-acetylglucosamine (GlcNAc), a major component of complex carbohydrates, from lysosomal degradation or nutritional sources into GlcNAc 6-phosphate. Involved in the N-glycolylneuraminic acid (Neu5Gc) degradation pathway. Also has ManNAc kinase activity.[UniProtKB/Swiss-Prot Function]