

## Product datasheet for **MR222883L4V**

### Nagpa (NM\_013796) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Nagpa (NM_013796) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nagpa
Synonyms:	AI596180; UCE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013796
ORF Size:	1551 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222883).
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_013796.3</a> , <a href="#">NP_038824.2</a>
RefSeq Size:	2152 bp
RefSeq ORF:	1554 bp
Locus ID:	27426
UniProt ID:	<a href="#">Q8BJ48</a>
Cytogenetics:	16 A1



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**Gene Summary:**

Catalyzes the second step in the formation of the mannose 6-phosphate targeting signal on lysosomal enzyme oligosaccharides by removing GlcNAc residues from GlcNAc-alpha-P-mannose moieties, which are formed in the first step. Also hydrolyzes UDP-GlcNAc, a sugar donor for Golgi N-acetylglucosaminyltransferases.[UniProtKB/Swiss-Prot Function]