

Product datasheet for **RC227903L4V**

NIPA1 (NM_001142275) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	NIPA1
Synonyms:	FSP3; SLC57A1; SPG6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001142275
ORF Size:	762 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC227903).

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_001142275.1](#), [NP_001135747.1](#)

RefSeq ORF: 765 bp

Locus ID: 123606

UniProt ID: [Q7RTP0](#)

Cytogenetics: 15q11.2

Protein Families: Druggable Genome, Transmembrane



MW: 27.1 kDa

Gene Summary: This gene encodes a magnesium transporter that associates with early endosomes and the cell surface in a variety of neuronal and epithelial cells. This protein may play a role in nervous system development and maintenance. Multiple transcript variants encoding different isoforms have been found for this gene. Mutations in this gene have been associated with autosomal dominant spastic paraplegia 6. [provided by RefSeq, Nov 2008]