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Product datasheet for RC229062L4V

Neurabin 1 (PPP1R9A) (NM_001166163) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Neurabin 1 (PPP1R9A) (NM_001166163) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Neurabin 1
Synonyms:	Neurabin-I; NRB1; NRBI
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001166163
ORF Size:	3270 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC229062).`
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_001166163.1, NP_001159635.1
RefSeq ORF:	3273 bp
Locus ID:	55607
UniProt ID:	Q9ULJ8
Cytogenetics:	7q21.3
Protein Families:	Druggable Genome
MW:	122.2 kDa

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Gene Summary: This gene is imprinted, and located in a cluster of imprinted genes on chromosome 7q12. This gene is transcribed in both neuronal and multiple embryonic tissues, and it is maternally expressed mainly in embryonic skeletal muscle tissues and biallelically expressed in other embryonic tissues. The protein encoded by this gene includes a PDZ domain and a sterile alpha motif (SAM). It is a regulatory subunit of protein phosphatase I, and controls actin cytoskeleton reorganization. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]