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Product datasheet for RC207416L4V

Neuritin (NRN1) (NM_016588) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Neuritin (NRN1) (NM_016588) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Neuritin
Synonyms:	dJ380B8.2; NRN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016588
ORF Size:	426 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC207416).`
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_016588.2
RefSeq Size:	2072 bp
RefSeq ORF:	429 bp
Locus ID:	51299
UniProt ID:	Q9NPD7
Cytogenetics:	6p25.1
MW:	15.3 kDa

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Gene Summary: This gene encodes a member of the neuritin family, and is expressed in postmitotic-differentiating neurons of the developmental nervous system and neuronal structures associated with plasticity in the adult. The expression of this gene can be induced by neural activity and neurotrophins. The encoded protein contains a consensus cleavage signal found in glycosylphoshatidylinositol (GPI)-anchored proteins. The encoded protein promotes neurite outgrowth and arborization, suggesting its role in promoting neuritogenesis. Overexpression of the encoded protein may be associated with astrocytoma progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]