

Product datasheet for **RC214513L4V**

Neurturin (NRTN) (NM_004558) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Neurturin (NRTN) (NM_004558) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Neurturin
Synonyms:	NTN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004558
ORF Size:	591 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214513).
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_004558.2
RefSeq Size:	1159 bp
RefSeq ORF:	594 bp
Locus ID:	4902
UniProt ID:	Q99748
Cytogenetics:	19p13.3
Protein Families:	Druggable Genome, Secreted Protein
MW:	22.41 kDa


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Gene Summary:

This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein signals through the RET receptor tyrosine kinase and a GPI-linked coreceptor, and promotes survival of neuronal populations. A neurturin mutation has been described in a family with Hirschsprung Disease. [provided by RefSeq, Aug 2016]