

## Product datasheet for **RC203087L4V**

### Neurotensin (NTS) (NM\_006183) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Neurotensin (NTS) (NM_006183) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Neurotensin
Synonyms:	NMN-125; NN; NT; NT/N; NTS1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006183
ORF Size:	510 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203087).
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_006183.2</a>
RefSeq Size:	1256 bp
RefSeq ORF:	513 bp
Locus ID:	4922
UniProt ID:	<a href="#">P30990</a>
Cytogenetics:	12q21.31
Protein Families:	Druggable Genome, Secreted Protein
MW:	19.8 kDa



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**Gene Summary:**

This gene encodes a common precursor for two peptides, neuromedin N and neurotensin. Neurotensin is a secreted tridecapeptide, which is widely distributed throughout the central nervous system, and may function as a neurotransmitter or a neuromodulator. It may be involved in dopamine-associated pathophysiological events, in the maintenance of gut structure and function, and in the regulation of fat metabolism. Neurotensin also exhibits antimicrobial activity against bacteria and fungi. Tissue-specific processing may lead to the formation in some tissues of larger forms of neuromedin N and neurotensin. The large forms may represent more stable peptides that are also biologically active. [provided by RefSeq, Oct 2014]