

## Product datasheet for **RC203087L2V**

### 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: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| 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]