

## Product datasheet for **RC205666L4V**

### Neurokinin B (TAC3) (NM\_013251) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Neurokinin B (TAC3) (NM_013251) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Neurokinin B
Synonyms:	HH10; LncZBTB39; NK3; NKB; NKNB; PRO1155; ZNEUROK1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013251
ORF Size:	363 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205666).
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_013251.2</a>
RefSeq Size:	841 bp
RefSeq ORF:	366 bp
Locus ID:	6866
UniProt ID:	<a href="#">Q9UHF0</a>
Cytogenetics:	12q13.3
Domains:	Neurokinin_B
Protein Families:	Druggable Genome, Secreted Protein



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**MW:** 13.4 kDa

**Gene Summary:** This gene encodes a member of the tachykinin family of secreted neuropeptides. The encoded preproprotein is proteolytically processed to generate the mature peptide, which is primarily expressed in the central and peripheral nervous systems and functions as a neurotransmitter. This peptide is the ligand for the neurokinin-3 receptor. This protein is also expressed in the outer syncytiotrophoblast of the placenta and may be associated with pregnancy-induced hypertension and pre-eclampsia. Mutations in this gene are associated with normosmic hypogonadotropic hypogonadism. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016]