

## Product datasheet for **MR203333L3V**

### **Ntf3 (NM\_008742) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Ntf3 (NM_008742) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ntf3
Synonyms:	AI316846; AI835689; HDNF; NGF-2; NT; NT-; Nt3; Ntf-; Ntf-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008742
ORF Size:	777 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203333).
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_008742.2</a> , <a href="#">NP_032768.1</a>
RefSeq Size:	1342 bp
RefSeq ORF:	777 bp
Locus ID:	18205
UniProt ID:	<a href="#">P20181</a>
Cytogenetics:	6 60.45 cM



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**Gene Summary:**

This gene encodes a member of the neurotrophins that have a wide variety of functions in both neural and non-neural tissues. The encoded preproprotein undergoes proteolytic processing to generate a noncovalently linked homodimeric mature protein that can bind to the transmembrane receptor tyrosine kinases to initiate a series of signaling events. Mice lacking the encoded protein exhibit severe defects in the peripheral nervous system including a complete lack of spinal proprioceptive afferents and their peripheral sense organs. [provided by RefSeq, Sep 2016]