

Product datasheet for **MR226356L4V**

Ntrk3 (NM_182809) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ntrk3 (NM_182809) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ntrk3
Synonyms:	AW125844; Ntrk3_tv3; TrkC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_182809
ORF Size:	1836 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226356).
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_182809.2 , NP_877961.1
RefSeq Size:	3847 bp
RefSeq ORF:	1839 bp
Locus ID:	18213
UniProt ID:	Q6VNS1
Cytogenetics:	7 44.01 cM



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Gene Summary:

Receptor tyrosine kinase involved in nervous system and probably heart development. Upon binding of its ligand NTF3/neurotrophin-3, NTRK3 autophosphorylates and activates different signaling pathways, including the phosphatidylinositol 3-kinase/AKT and the MAPK pathways, that control cell survival and differentiation.[UniProtKB/Swiss-Prot Function]