

## Product datasheet for **MR219440L4V**

### **Nrxn3 (NM\_172544) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Nrxn3 (NM_172544) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nrxn3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172544
ORF Size:	3300 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219440).
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_172544.3</a> , <a href="#">NP_766132.2</a>
RefSeq Size:	6529 bp
RefSeq ORF:	3303 bp
Locus ID:	18191
UniProt ID:	<a href="#">Q6P9K9</a>
Cytogenetics:	12 42.94 cM



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**Gene Summary:**

This gene encodes a member of a family of proteins that function in the nervous system as receptors and cell adhesion molecules. Extensive alternative splicing and the use of alternative promoters results in multiple transcript variants for this gene, but the full-length nature of many of these variants has not been determined. Transcripts that initiate from an upstream promoter encode alpha isoforms, which contain epidermal growth factor-like (EGF-like) sequences and laminin G domains. Transcripts initiating from the downstream promoter encode beta isoforms, which lack EGF-like sequences. [provided by RefSeq, Dec 2012]