

Product datasheet for **MR226628L3V**

Nlgn1 (NM_001163387) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nlgn1 (NM_001163387) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nlgn1
Synonyms:	6330415N05Rik; BB179718; mKIAA1070; NL1; Nlg1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001163387
ORF Size:	2442 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226628).
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_001163387.2
RefSeq Size:	15315 bp
RefSeq ORF:	2445 bp
Locus ID:	192167
Cytogenetics:	3 A3



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Gene Summary:

Cell surface protein involved in cell-cell-interactions via its interactions with neurexin family members. Plays a role in synapse function and synaptic signal transmission, and probably mediates its effects by recruiting and clustering other synaptic proteins. May promote the initial formation of synapses, but is not essential for this. In vitro, triggers the de novo formation of presynaptic structures. May be involved in specification of excitatory synapses. Required to maintain wakefulness quality and normal synchrony of cerebral cortex activity during wakefulness and sleep (PubMed:23716671).[UniProtKB/Swiss-Prot Function]