

Product datasheet for **MR209426L4V**

Lingo1 (NM_181074) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Lingo1 (NM_181074) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Lingo1
Synonyms:	4930471K13Rik; AV148400; LERN1; LINGO-1; Lrrn6a; UNQ201
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_181074
ORF Size:	1845 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209426).
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_181074.4
RefSeq Size:	3321 bp
RefSeq ORF:	1845 bp
Locus ID:	235402
UniProt ID:	Q9D1T0
Cytogenetics:	9 B



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Gene Summary:

Functional component of the Nogo receptor signaling complex (RTN4R/NGFR) in RhoA activation responsible for some inhibition of axonal regeneration by myelin-associated factors. Is also an important negative regulator of oligodendrocyte differentiation and axonal myelination (By similarity). Acts in conjunction with RTN4 and RTN4R in regulating neuronal precursor cell motility during cortical development.[UniProtKB/Swiss-Prot Function]