

Product datasheet for **RC203867L4V**

LINGO1 (NM_032808) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LINGO1 (NM_032808) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LINGO1
Synonyms:	LERN1; LRRN6A; MRT64; UNQ201
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032808
ORF Size:	1860 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203867).
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_032808.5
RefSeq Size:	3109 bp
RefSeq ORF:	1863 bp
Locus ID:	84894
UniProt ID:	Q96FE5
Cytogenetics:	15q24.3
Domains:	LRRCT, LRR, ig, IGc2, IG
Protein Families:	Druggable Genome, Transmembrane

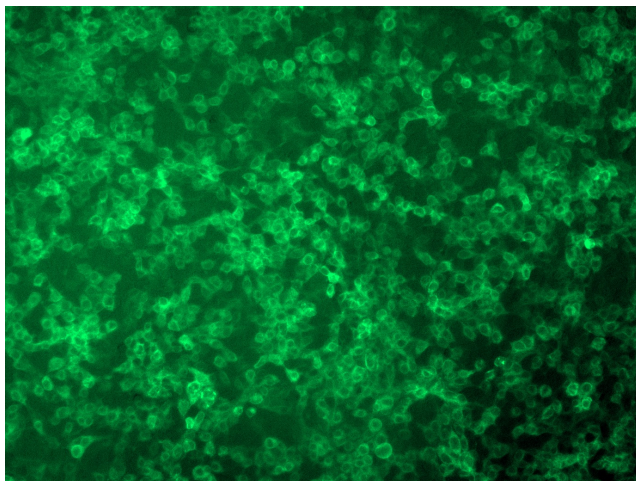


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MW: 69.9 kDa

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 (PubMed:14966521, PubMed:15694321). Is also an important negative regulator of oligodendrocyte differentiation and axonal myelination (PubMed:15895088). Acts in conjunction with RTN4 and RTN4R in regulating neuronal precursor cell motility during cortical development (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



[RC203867L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC203867L4V particle to overexpress human LINGO1-mGFP fusion protein.