

Product datasheet for **RC222131L3V**

LRRTM2 (NM_015564) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LRRTM2 (NM_015564) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LRRTM2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_015564
ORF Size:	1548 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222131).
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_015564.1
RefSeq Size:	5572 bp
RefSeq ORF:	1551 bp
Locus ID:	26045
UniProt ID:	O43300
Cytogenetics:	5q31.2
Domains:	LRR, LRR_TYP, LRR_BAC
Protein Families:	Transmembrane
MW:	58.9 kDa



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Gene Summary:

Involved in the development and maintenance of excitatory synapse in the vertebrate nervous system. Regulates surface expression of AMPA receptors and instructs the development of functional glutamate release sites. Acts as a ligand for the presynaptic receptors NRXN1-A and NRXN1-B (By similarity).[UniProtKB/Swiss-Prot Function]