

Product datasheet for **MC201593**

Lrrtm1 (NM_028880) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrtm1 (NM_028880) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrtm1
Synonyms:	4632401D06Rik; AW125451
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027803 sequence for NM_028880
 CCACGCGTCCGATTCTCCAGACTGTCAAATCCTGGGGAGTCTCGAGCCCCGAGTTTGAGTTGATCTTTT
 ACCTCAACCCCCCAACCACGTACAGTCTCAACTGCAGAGGAAAAAAGGGGGACCGAGGCAGGAAGGC
 GAGAAGCACGGGCTCCCGGCACGTAGTTGGAAACTTGCGGTCTTAGAAGTCGCTCCCGCCTCGCCG
 ACCGCCCTGCAGCCCCGAGCGCAGCAGCAAAGTGAGACATTGTGCGTCTGCCAGATCCTCGGGCCGG
 GAGCAGGGCTGCCTCGGAAACACAGAGGGTCTTCTCGCCCTGCATATAATTAGCCTACACAAAAG
 GGAGACTGAATGGAGTTGTCACTCGTGGAAAAGGATTTCTGACCCAGCGCTTCCAATGGACATTCT
 CCAGTCTCTCGAAAGATTCTCGCTAATGGATTTCTGCTACTCGGCCTCTGTCTACACTGGCTGCTGA
 GGAGGCCCTCGGGGTGGTCTTGTGTCTGCTGGGGCCTGCTTTCAGATGCTGCCCGCCGCCCCAGCGG
 ATGCCCGGGCAGTGTGGTGCAGGGGCGGCTGCTGACTGCGAGGCGCTCAACCTAACCGAGGCGCCC
 CATAACCTGTCCGGCCTGCTGGGCTTGTCTTTCGCTACAACAGCCTCTCGGAGCTGCGCGCCGGCCAGT
 TCACAGGGTTAATGCAGCTCACGTGGTGTATTTGGATCACAATCACATCTGCTCGGTGCAGGGGACGC
 CTTTCAGAAACTGCGCCGAGTTAAGGAACCTCACGTGAGTTCCAACCAGATCACTGAACTGGCCAACACC
 ACCTTCCGGCCCATGCCAACCTGCGCAGCGTGGACCTGTCTATAACAAGCTGCAGGCGTAGCTCCGG
 ATCTCTTCCACGGGCTGCGGAAGCTCACCACCCTGCACATGCGGGCCAATGCCATCCAATTCGTGCCGT
 GGCATCTTTCAGACTGCCGACGCTCAAGTTTCTCGACATTGGATAACAATCAGCTCAAGAGTCTGGCG
 CGCAACTCTTTCGCCGGCTTGTCAAGCTCACAGAGCTACACCTGGAGCATAATGACTTGATCAAGTGA
 ACTTCGCCATTTCCCGCCTCATCTCCTGCACTCGCTCTGCTGAGGCGGAATAAGTTGCCATTGT
 GGTGAGCTCTCTCGACTGGGTTTGGAAATTTGGAGAAAATGGACTTGTCTGGGAACGAGATCGAATACATG
 GAGCCCATGTGTTTCGAGACCGTTCCCTACCTGCAGACCTGCAGCTGGACTCCAACCGCCTCACCTACA
 TTGAGCCCCGATTCTCAACTCCTGGAAGTCCCTTACGAGCATCACTCTGGCCGGGAACCTGTGGGACTG
 CGGGCGCAACGTGTGCTCTAGCTTCTGGCTCAGCAACTTCCAGGGACGTTACGATGCTAACTTGCAG
 TGCGCCAGCCAGAGTACGCACAGGGCGAGGACGTTGGATGCAGTGTATGCTTTCACCTGTGTGAGG
 ATGGGGCCGAGCCACCAGCGGCCACCTCTGCGGTGGCGTCACTAACCGCAGTGACCTAACGCCCCC
 AGAGAGCTCAGCCACGACTCTGGTGGACGTTGGGAGGGGACGATGGCACGTTTTCAGCCATCACTGTG
 GCTCTTCCAGGCGGCGAGCACGCAGAGAACGCTGTGCAAATCCACAAAAGTGGTCACTGGCACCATGGCCC
 TCATCTTCTCCTCCTCATCGTGGTCTCGTACTCTACGTATCCTGGAAGTGTTCAGCCAGCCTCAG
 GCAGCTCAGACAGTGTCTTGTACGCAGCGCAGGAAGCAGAAACAGACCATGCATCAGATGGCT
 GCTATGTCTGCCAGGAATACTATGTTGATTACAAACCTAACCATCGAGGGGGCCTGGTTATCATCA
 ACGAGTACGGTTCGTGTACCTGTACCAGCAGCCTGCGAGGGAATGCGAGGTGTGATTGTCCAGAGGCT
 CCCAACCCATGCGCTACCAAATACGCCTGGCAGCCGGGGCCAGCGGCACCCAGGACTGGTCTCCTC
 TCGCTCTGATTTGTTGACTGAAACTGTAAGGGGATCTCTCCAGAGACTTGACATTTTACGTTTATGTG
 TCTTAAAAAACAACAAACAAACAAAATCCCGAAATAAAACACAAACAAAAAACCACCCCATAAATC
 TTCAGGACAGTCTGTCTTAAATTCATATGAGAACTTCTTCTCCTTTGAAAGTCTGTCCATATTCAGG
 AATCTGAGAGTGTAAAAAAGGTACCAATCATTGATTTTCTTTTGTAAACTAAACGTTTAAAAATAAA
 ATAGCATTTACAGTTAAAAAATAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_028880

Insert Size: 1569 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC027803](#), [AAH27803](#)

RefSeq Size: 2415 bp

RefSeq ORF: 1569 bp

Locus ID: 74342

UniProt ID: [Q8K377](#)

Cytogenetics: 6 C3

Gene Summary: Exhibits strong synaptogenic activity, restricted to excitatory presynaptic differentiation, acting at both pre- and postsynaptic level.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) and variant 2 both encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.