

Product datasheet for **MC219339**

Lrrtm3 (NM_178678) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrtm3 (NM_178678) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrtm3
Synonyms:	9630044H04Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC219339 representing NM_178678
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTTTCAATGTAATTAGGCTACTGCGAGGATCAGCTGTAGCGGTGGTTCTAGCACCCACTGTCTTAC
 TGACAATGCTTTCTCTGCTGAACGAGGATGCCCTAAGGGTTGTAGGTGTGAAGGCAAAATGGTATACTG
 TGAGTCTCAGAACTGCAGGAGATACCCTCGAGTATATCTGCCGTTGCTTGGGTTTATCCCTTCGCTAC
 AACAGCCTCCAAAACTTAAGTATAATCAATTTAAAGGGCTCAATCAGCTCACCTGGCTCTACCTTGACC
 ACAACCACATCAGCAATATCGACGAGAATGCTTTCAATGGGATACGCAGACTCAAAGAGTTGATTCTGAG
 TTCCAACAGAATCTCTATTTCTTAACAACACCTTCAGACCTGTGACCAATTTACGGAACCTGGATCTG
 TCCTACAATCAGCTCCATTCTCTGGGATCGAACAGTTCCGGGGCTTGAGGAAGCTGCTTAGTTTACACC
 TCCGCTCCAACACTACTGAGAACCATCCCGGTGCGGATCTTCCAAGACTGTCGCAACCTGGAACCTCTGGA
 CCTGGGATACAACCGGATCCGAAGTTTAGCCAGGAATGTCTTTGCTGGCATGATCAGACTCAAAGAGCTT
 CACCTGGAGCACAAATCAATTTTCCAAGCTCAACCTGGCCCTGTTCCCAAGCTGGTGGAGCCTTCAGAACT
 TGTACATGCAGTGAATAAAATCAGTGTATAGGGCAAACCATGTCTGGACCTGGAGTTCTTACAGAG
 GCTCGACCTGTCTGGTAATGAGATCGAAGCCTTCAGCGGACCCAGTGTCTTCCAGTGTGTTCCCAATCTG
 CAACGCCTCAACCTGGATTCCAACAAGCTCACATTTATTGGACAAGAGATTCTGGATTCTTGGATCTCTC
 TCAATGACATCAGTCTGGCTGGGAATATATGGGAATGCAGCAGGAATATCTGTTCCCTGGTAAACTGGCT
 GAGAAGTTTTAAAGGTCTGAGAGAGAATACAATCATCTGCGCCAGTCCCAAAGAGCTGCAGGGGGTTAAC
 GTGATCGATCGGTGAAGAACTACAGCATCTGTGGGAAGAGCACTACCACAGAGAGGTTTGACCTGGCCA
 GGGCCCTCCCAAAGCCACATTTAAGCCCAAGCTCCCCAGGCCGAAGCAGAGAGCAAGCCTCCTCTGCC
 CCCACGGTGGGAGTACCGAGCCAGCCAGAGACAGATGTGGACACGGAGCACATCTCCTTCCATAAG
 ATCATCGCGGGCAGCGTGGCCCTTTTCTGTGCGTGTGTCATCCTCCTGGTGTGTACGTGCTCCTGGA
 AGCGGTACCCCGCAGCATGAAGCAGCTGCAGCAGCGCTCCCTCATGCGAAGGCACCCGGAAGAAGAAACG
 GCAATCGCTCAAGCAGATGACTCCAGGCACCCAGGAATTTATGTAGATTATAAACCACCAACACGGAG
 ACCAGCGAGATGCTGTGAACGGAACGGGACCTGCACCTATAGCAAATCAGGCTCCAGGGAATGTGAGA
 TACCTTTATCAATGAATGTGTCAACCTTTCTGGCATATGACCAGCCACAATAAGTTACTGTGGGGTCCA
 TCATGAACTCCTCTCCATAAGTCCTTTGAAACGAATGCACAGGAAGACACGATGAAAGCCACCTAGAG
 ACTGAGCTGGACTTGAGCACAAATCACGTACGTGGCCGCATCAGTGACCATAAACACAGCTGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_178678
- Insert Size:** 1749 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: [NM_178678.4](#), [NP_848793.1](#)

RefSeq Size: 3852 bp

RefSeq ORF: 1749 bp

Locus ID: 216028

UniProt ID: [Q8BZ81](#)

Cytogenetics: 10 B4

Gene Summary: May play a role in the development and maintenance of the vertebrate nervous system. Exhibits a limited synaptogenic activity in vitro, restricted to excitatory presynaptic differentiation (By similarity).[UniProtKB/Swiss-Prot Function]