

Product datasheet for **RN210116**

Lrrtm3 (NM_001106387) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrtm3 (NM_001106387) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrrtm3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210116 representing NM_001106387
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTTTCAATGTAATTAGGCTACTGCGCGGATCAGCTGTAGCGGTGGTCTAGCCCCACTGTCTTAC
 TGACTATGCTTTCTTCTGCTGAAAGAGGATGCCCTAAGGGTTGTAGGTGCGAAGGCAAAATGGTCTACTG
 TGAGTCTCAGAAACTGCAGGAGATACCCTCAAGTATATCAGCCGGATGCTTGGGTTTATCCCTTCGCTAC
 AACAGCCTCCAAAACTTAAGTATAATCAATTTAAAGGGCTCAACCAGCTCACCTGGCTCTACCTTGACC
 ATAACCATATCAGCAATATCGACGAGAATGCTTTCAATGGGATACGCAGACTCAAAGAGTTGATTCTGAG
 TTCCAACAGAATCTCTATTTCTTAACAACACCTTCAGACCTGTGACCAATCTACGGAAGTTGGATCTG
 TCCTATAATCAGCTCCATTCTCTGGGATCTGAACAGTTCGGGGCTTGAGGAAGCTGCTCAGTTTACACC
 TCCGCTCCAACCTACTGAGAACCATCCCGGTGCGGATTTTCCAAGACTGTCGCAACCTGGAACCTCTGGA
 CCTGGGCTATAACAGGATCCGAAGTTTAGCCAGGAATGTCTTTGCTGGCATGATCAGACTCAAAGAGCTT
 CACCTGGAGCACAATCAATTTTCCAAGCTCAACCTGGCCCTTTTCCAAGGTTGGTGAGCCTTCAGAACT
 TGTACATGCAGTGAATAAAATCAGTGTCATAGGACAAACCATGTCTGGACTTGAGCTCCTTACAGAG
 ACTTGACCTGTGCGGTAATGAGATCGAAGCCTTCAGTGGACCCAGTGCTTCCAGTGTGTCCCAATCTG
 CAACGCCTCAACCTGGATTCCAACAAGCTCACATTTATTGGTCAAGAGATTCTGGATTCTTGATCTCTC
 TCAATGACATCAGCCTTGCTGGGAATATATGGGAATGCAGCAGGAATATCTGCTCCCTGGTGAAGTGGCT
 GAAAAGTTTTAAAGGTCTGAGAGAGAATACAATTCTCTGCGCCAGTCCCAAGAGCTGCAGGGGGTTAAC
 GTGATCGATGCAGTGAAGAACTACAGCATCTGTGGCAAGAGCACTACCACAGAGAGGTTTGACCTGGCCA
 GGGCCCTCCCAAACCCACGTTTAAGCCCAAGCTCCCCAGGCCTAAGCAGAGAGCAAGCCTCCGCTGCC
 CCCCACGGTGGGAGCTAGCGAGCCAGCCAGAGACAGATGTGGACACGGAGCACATCTCCTTCCATAAG
 ATCATCGCGGGCAGCGTGGCCCTTTTCTGTGCGGTGCTGGTCATCCTCTTGTTATGTACGTGCTCTGGA
 AGCGGTACCCCGCCAGCATGAAGCAGCTGCAGCAGCGCTCCCTCATGCGAAGGCACCGGAAGAAGAAACG
 GCAATCGCTCAAGCAAATGACTCCAGGCACCCAGGAATTTTATGTAGATTATAAACCACCAACACGGAG
 ACCAGCGAGATGCTGCTGAACGGAACCGGACCTGCACCTATAGCAAATCAGGCTCCAGGGAATGTGAGA
 TACCTTTATCAATGAATGTGTCACTTTTCTGGCATAACGACCCACAATAAGTTACTGTGGGGTCCA
 TCATGAACTCCTCTCCATAAGACCTTTGAAACGAATGCACAGGAAGACACGATGGAAGCCACCTAGAG
 ACTGAGCTGGACTTGAGCACAATCACGTCAGCTGGCCGCATCGGCGACCATAAACACAGCTGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106387

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:	<u>NM_001106387.1, NP_001099857.1</u>
RefSeq Size:	3837 bp
RefSeq ORF:	1749 bp
Locus ID:	294380
UniProt ID:	<u>D3ZAL8</u>
Cytogenetics:	20p11
Gene Summary:	May play a role in the development and maintenance of the nervous system (By similarity). Exhibits a limited synaptogenic activity in vitro, restricted to excitatory presynaptic differentiation.[UniProtKB/Swiss-Prot Function]