

Product datasheet for **MC217372**

Lrrtm4 (NM_178731) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrtm4 (NM_178731) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrtm4
Synonyms:	7530419J18Rik; A230052N11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:	>MC217372 representing NM_178731 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCCGCATCGCC ATGGGTTTCCGTCTAATCACGCAGCTGAAAGGCATGAGTGTGTTTCTGGTGCTATTTCCACCCTGCTGC TGGTTATGCTGACGGGGCTCAGAGAGCTTGCCCAAAGAACTGCAGATGCGATGGCAAGATTGTATACTG TGAGTCTCACGCCTTCGCAGACATCCCTGAGAACATTTCTGGAGGGTCACAAGGTTTATCCTTAAGGTTCC AACAGCATTAGAAAACCAATCCAATCAGTTTCCCGCCTTAACCAGCTTATATGGCTTATCTTGACC ATAATTACATTAGCTCAGTGGACGAAGATGCCTTTCAAGGGATCCGCAGACTGAAAGAATTAATTCTAAG CTCCAACAAAATTACCTATCTGCACAATAAACATTTACCCAGTCCCAACCTCCGCAACCTGGATCTC TCCTACAACAACTTCAGACCTACAGTCTGAGCAGTTAAAGGCCTCCGAAACTCATTTTTGCACT TGCGATCTAATCTCTCAAGACCGTCCCATACGGGTTTTCAAGACTGCCGAACTTGACTTTCTGGA TTTGGGTATAATCGGCTCCGAAGCTTATCCCGAAACGGTTTTCCGGTCTTCTGAAGTTAAAAGAGCTC CACCTGGAGCATAATCAGTTTTCAAAGATCAACTTTGCTATTTCTCGTCTCTCAACCTGCGATCCA TCTACCTGCAATGGAACAGGATCCGCTCTGTCAAGGCCTAACATGGACCTGGAGTTCTTGACAC CTTGGATTTATCAGGGAATGACATCCAAGCAATCGAGCCTGGCACATTTAAATGCCTCCCAATTTGCAA AAATTTGAATTTGGATTCCAACAAGCTCACCAATGTCTCCAGGAGACTGTCAATGCATGGATATCCTTAA TATCCATCACCTGTCTGGAACATGTGGGAATGTAGTCGGAGCATCTGCCTCTATTCTACTGGCTGAA GAATTTCAAAGGAATAAAGAAAGTACCATGATGTGTCAGGGCCTAAGCACATACAGGGTGAGAAGTT AGCGATGCCGTGGAGACTTACAACATCTGCTGTATGCCAGGTGGTCAACACAGAACGATCACATCTGG CGCTCAAACCTCCCAGAAGCCCCGTTTCAACCTACCCTTCAAACCGGATGCAGTCCCAGC CACCTAGAGGCAGTGAGCCCATCCCCGGCTTTCAAATTCAGGTACGGATCATGAGTACGAGCACGCTG TCGTTTCAAAAATCATCGCAGGGAGCGTGGCTCTGTTCTCTCCGTGGCCATGATTCTCTGGTGATCT ATGTGTCTTGGAAACGGTACCCAGCCAGCATGAAACAACCTCAAACAGCACTACTTATGAAGAGGAGACG GAAAAAGGCGAGGGAGTCGGAGAGACAGATGAATTTCCCTTTACAGGAATACTACGTGGACTACAAACCG ACGAACTCTGAGACCATGGATATATCGGTTAATGGATCTGGTCCCTGCACATATACCATCTCTGGCTCCA GGGAGTGTGAGGTATGA AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC TGGATTACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	Sgfl-RsrII
ACCN:	NM_178731
Insert Size:	1557 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_178731.5](#), [NP_848846.3](#)

RefSeq Size: 3383 bp

RefSeq ORF: 1557 bp

Locus ID: 243499

UniProt ID: [Q80XG9](#)

Cytogenetics: 6 C3

Gene Summary: May play a role in the development and maintenance of the vertebrate nervous system. Exhibits strong synaptogenic activity, restricted to excitatory presynaptic differentiation (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the shortest isoform (1).