

Product datasheet for **MC228397**

Lrrtm4 (NM_001134743) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrtm4 (NM_001134743) 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



[View online »](#)

Fully Sequenced ORF: >MC228397 representing NM_001134743
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCAGT**TTCCGTCTAATCACGCAGCTGAAAGGCATGAGTGT**TTTCTGGTGCTATTTCCACCTGC
 TGCTGGTTATGCTGACGGGGCTCAGAGAGCTTGCCCAAAGAAGTGCAGATGCGATGGCAAGATTGTATA
 CTGTGAGTCTCACGCCTTCGCAGACATCCCTGAGAACATTTCTGGAGGGTCAACAAGTTTATCCTTAAGG
 TTCAACAGCATT**CAGAACTCAAATCCAATCAGTTTGCCGGCCTTAACCAGCTTATATGGCTTTATCTTG**
 ACCATAATTACATTAGCTCAGTGGACGAAGATGCCTTTCAAGGGATCCGCAGACTGAAAGAATTAATTCT
 AAGCTCCAACAAAATTACCTATCTGCACAATAAAACATTTACCCAGTCCCAACCTCCGCAACCTGGAT
 CTCTCTACAACAACTCAGACCTTACAGTCTGAGCAGTTTAAAGGCCTCCGAAACTCATTTTTGC
 ACTTGGCATCTAATTCTCTCAAGACCGTCCCATACGGGTTTTCAAGACTGCCGAACCTTGACTTTCT
 GGATTTGGGTTAATCGGCTCCGAAGTTATCCGAAACCGTTTTGCCGGTCTTCTGAAGTTAAAGAG
 CTCCACCTGGAGCATAATCAGTTTTCAAGATCAACTTTGCTCATTTTCTCGTCTTCAACCTGCGAT
 CCATCTACCTGCAATGGAACAGGATCCGCTCTGTCAAGGCCTAACATGGACCTGGAGTTCTTGCA
 CACCTTGGATTTATCAGGGAATGACATCCAAGCAATCGAGCCTGGCACATTTAAATGCCTCCCAATTTG
 CAAAAATTGAATTTGGATTCCAACAAGCTACCAATGTCTCCAGGAGACTGTCAATGCATGGATATCCT
 TAATATCCATCACCTGTCTGGAACATGTGGGAATGTAGTCCGAGCATCTGTCTCTATTCTACTGGCT
 GAAGAATTTCAAAGGGAATAAGAAAGTACCATGATATGTGCAGGGCCTAAGCACATACAGGGTGAAG
 GTTAGCGATGCCGTGGAGACTTACAACATCTGCTCTGATGTCCAGGTGGTCAACACAGAACGATCACATC
 TGGCGCCTCAAAC**TCCCAAGCCCCCGTTTCA**CCCCAAACCTACCATCTTCAAACCGGATGCAGTCCC
 AGCCACCTAGAGGCAGT**GAGCCATCCCGGGCTTTCAA**ATTCCAGGTACGGATCATGAGTACGAGCAC
 GTGTGTTTTCAAAAATCATCGCAGGGAGCGTGGCTCTGTTCTCTCCGTGGCCATGATTCTCCTGGTGA
 TCTATGTGCTTGGAAACGGTACCCAGCCAGCATGAAACAACCTCAACAGCACTCACTTATGAAGAGGAG
 ACGGAAAAAGGCGAGGGAGTCCGAGAGACAGATGAATTTCCCTTTACAGGAATACTACGTGGACTACAAA
 CCGACGAACTCTGAGACCATGGATATATCGGTTAATGGATCTGGTCCCTGCACATATACCATCTCTGGCT
 CCAGGGAGTGTGAGATACCCACCATGTGAAGCCCTGCCGATTACAGCTATGACCAACAGTATTGG
 GTACTGCCAGGCCACCAGCCTCTCCACATCAACAAGGCTTATGAAGCTGTGTCTATAGAACAGGATGAC
 AGCCCCAGTTTGGAGCTTGGGAGAGACCACAGTTCATTGCCACCATAGCCAGGTCCGCTGCACCTGCCA
 TTTATCTGGAGAGAATAACAACT**TAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001134743

Insert Size: 1776 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001134743.1](#), [NP_001128215.1](#)

RefSeq Size: 3054 bp

RefSeq ORF: 1776 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 (3) differs in both UTR's and has multiple differences in the coding region, compared to variant 1. The encoded isoform (3) has distinct N- and C-termini and is longer than isoform 1.