

Product datasheet for **MC218649**

Lrrtm4 (BC037216) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrtm4 (BC037216) 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: >BC037216
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCAGGTTTCCGTCTAATCACGCAGCTGAAAGGCATGAGTGTGTTTCTGGTGCTATTTCCACCCTGC
 TGCTGGTTATGCTGACGGGGCTCAGAGAGCTTGCCAAAGAAGTGCAGATGCGATGGCAAGATTGTATA
 CTGTGAGTCTCACGCCTTCGACAGACATCCCTGAGAACATTTCTGGAGGGTCAACAAGTTTATCCTTAAGG
 TTCAACAGCATTAGAACTCAAATCCAATCAGTTTCCGGCCTTAACCAGCTTATATGGCTTTATCTTG
 ACCATAATTACATTAGCTCAGTGGACGAAGATGCCTTTCAAGGGATCCGACAGCTGAAAGAATTAATTCT
 AAGCTCCAACAAAATTACCTATCTGCACAATAAAACATTTACCCAGTCCCAACCTCCGCAACCTGGAT
 CTCTCCTACAACAACTCAGACCTTACAGTCTGAGCAGTTTAAAGGCCTCCGAAACTCATTTTTGC
 ACTTGGCATCTAATTCTCTCAAGACCGTCCCATACGGGTTTTTCAAGACTGCCGGAACCTTGACTTTCT
 GGATTTGGGTTAATCGGCTCCGAAGCTTATCCCGAAACGCGTTTCCGGTCTTCTGAAGTTAAAAGAG
 CTCCACCTGGAGCATAATCAGTTTTCAAAGATCAACTTTGCTCATTTTCTCGTCTTCAACCTGCGAT
 CCATCTACCTGCAATGGAACAGGATCCGCTCTGTCAAGGCCTAACATGGACCTGGAGTTCTTGTCA
 CACCTTGGATTTATCAGGGAATGACATCCAAGCAATCGAGCCTGGCACATTTAAATGCCTCCCAATTTG
 CAAAAATTGAATTTGGATTCCAACAAGCTACCAATGTCTCCAGGAGACTGTCAATGCATGGATATCCT
 TAATATCCATCACCTGTCTGGAAACATGTGGGAATGTAGTGGAGCATCTGTCTCTATTCTACTGGCT
 GAAGAAATTTCAAAGGGAATAAGAAAGTACCATGATATGTGCAGGGCCTAAGCACATACAGGGTGAAG
 GTTAGCGATCCGTTGGAGACTTACAACATCTGCTCTGATGTCCAGGTGGTCAACACAGAACGATCACATC
 TGGCGCCTCAAACCTCCCAAGAGCCCGTTTCAATCCCAACCTACCATCTTCAAACCGGATGCAGTCCC
 AGCCACCTAGAGGCAGTGAGCCATCCCGGGCTTTCAAATTCAGGTACGGATCATGAGTACGAGCAC
 GTGTCGTTTACAAAATCATCGCAGGGAGCGTGGCTCTGTTCTCTCCGTGGCCATGATTCTCTGGTGA
 TCTATGTGCTTTGGAAACGGTACCCAGCCAGCATGAAACAACCTCAACAGCACTCACTTATGAAGAGGAG
 ACGGAAAAGGCGAGGGAGTCCGAGAGACAGATGAATCCCTTTACAGGAATACTACGTGGACTACAAA
 CCGACGAACTCTGAGACCATGGATATATCGGTTAATGGATCTGGTCCCTGCACATATACCATCTCTGGCT
 CCAGGGAGTGTGAGATACCCACCATGTGAAGCCCTGCCGATTACAGCTATGACCAACCAGTGATTGG
 GTACTGCCAGGCCACCAGCCTCTCCACATCAACAAGGCTTATGAAGCTGTGTCTATAGAACAGGATGAC
 AGCCCCAGTTTGGAGCTTGGGAGAGACCACAGTTCATTGCCACCATAGCCAGGTCCGCTGCACCTGCCA
 TTTATCTGGAGAGAATAACAACTAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA
 TCCTGGATTACAAGGATGACGACGATAAGGTTAA

Restriction Sites: SgfI-RsrII

ACCN: BC037216

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).

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: [BC037216](#), [AAH37216](#)

RefSeq Size: 2976 bp

RefSeq ORF: 1775 bp

Locus ID: 243499

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]