

Product datasheet for **MR208362**

Lrrtm1 (NM_028880) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrtm1 (NM_028880) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lrrtm1
Synonyms:	4632401D06Rik; AW125451
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208362 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATTTCTGCTACTCGGCCTCTGTCTACACTGGCTGCTGAGGAGCCCTCGGGGTGGTCTTGTGTC
 TGCTGGGGCCTGCTTTAGATGCTGCCGCCGCCAGCGGATGCCCGGGCAGTGCCGGTGCAGGG
 GCGGCTGCTGACTGCGAGGCGCTCAACCTAACCGAGGCGCCATAACCTGTCCGGCTGCTGGCCTG
 TCTTTGCGCTACAACAGCCTCTCGGAGCTGCGCGCCGGCCAGTTCACAGGGTTAATGCAGCTCACGTGGC
 TGTATTTGGATCACAATCACATCTGCTCGGTGCAGGGGACGCCTTTAGAACTGCGCCGAGTTAAGGA
 ACTCACGCTGAGTTCCAACCAGATCACTGAACTGGCCAACACCACCTTCCGGCCATGCCAACCTGCGC
 AGCGTGGACCTGTCTATAACAAGCTGCAGGCGTAGCTCCGGATCTCTCCACGGGCTGCGGAAGCTCA
 CCACCTGCACATGCGGGCCAATGCCATCCAATTCGTGCCGTGCGCATCTTTCAGGACTGCCGAGCCT
 CAAGTTTCTGCATTGGATAACAATCAGCTCAAGAGTCTGGCGCGCAACTCTTTCGCGGCTTGTCAAG
 CTCACAGAGCTACACCTGGAGCATAATGACTTGATCAAGGTGAACTTCGCCCATTTCCCGCCTCATCT
 CCCTGCACTCGCTCTGCCTGAGGCGGAATAAGGTTGCCATTGTGGTCAGCTCTCTCGACTGGGTTTGGAA
 TTTGGAGAAAATGGACTTGTCTGGGAACGAGATCGAATACATGGAGCCCATGTGTTTCGAGACCGTTCCC
 TACCTGCAGACCTGCAGCTGGACTCCAACCGCCTCACCTACATTGAGCCCCGATTCTCAACTCCTGGA
 AGTCCCTTACGAGCATCACTCTGGCCGGAACTGTGGGACTGCGGGCGCAACGTGTGTCTAGCTTC
 CTGGCTCAGCAACTTCCAGGGACGTTACGATGCTAACTGCAGTGCAGCCAGCCAGAGTACGCACAGGGC
 GAGGACGCTTGGATGCAGTGTATGCTTCCACCTGTGTGAGGATGGGGCCGAGCCACCAGCGGCCACC
 TCCTGTCCGTGGCCGCTACTAACCGCAGTGACCTAACGCCCCAGAGAGCTCAGCCACGACTCTGGTGG
 CGGTGGGGAGGGCAGCATGGCACGTTTGAAGCCATCACTGTGGCTCTTCCAGGCGGCGAGCACGCAGAG
 AACGCTGTGCAAAATCCACAAAGTGGTCACTGGCACCATGGCCCTCATCTTCTCCTTCTCATCGTGGTCC
 TCGTACTCTACGTATCCTGGAAGTGTTCAGCCAGCCTCAGGCAGCTCAGACAGTGTCTTGTACAGCA
 GCGCAGGAAGCAGAAGCAGAAACAGACCATGCATCAGATGGTGTCTGTCTGCCAGGAATACTATGTT
 GATTACAAACCTAACACATCGAGGGGGCCCTGGTTATCATCAACGAGTACGGTTCGTGTACCTGTCACC
 AGCAGCTGCGAGGGAATGCGAGGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208362 protein sequence
 Red=Cloning site Green=Tags(s)

MDFLLLGLCLHWLLRRPSGVVLCLLGACFQMLPAAPSGCPGQCRCEGRLLYCEALNLTEAPHNLSGLLGL
 SLRYNSLSELRAGQFTGLMQLTWLYLDHNHICSVQDAFQKLRRVKELTLSSNQITELANTTFRPMPNLR
 SVDLSYNKLQALAPDLFHGLRKLTLHMRANAIFVFPVRFQDCRSLKFLDIGYNQLKSLARNSFAGLFLK
 LTELHLEHNDLIKVNFAHFPRLISLHSLCLRRNKVAIVVSSLDWVWNLEKMDLSGNEIEYMEPHVFETVP
 YLQTLQLDSNRLTYIEPRILNSWKSLSITLAGNLWDCGRNVCALASWLSNFQGRYDANLQASPEYAQG
 EDVLDVAVYAFHLCEDGAEPSTGHLLSVAVTNRSDLTPPESSATTLVDGGEGHDGTFEPITVALPGGEHAE
 NAVQIHKVVTGMALIFSFLIVVLVLYVSWKCFPASLRQLRQCFVTRRRKQKQKQTMHQMAAMSAQEYVV
 DYKPNHIEGALVIINEYGSCTCHQQPARECEV

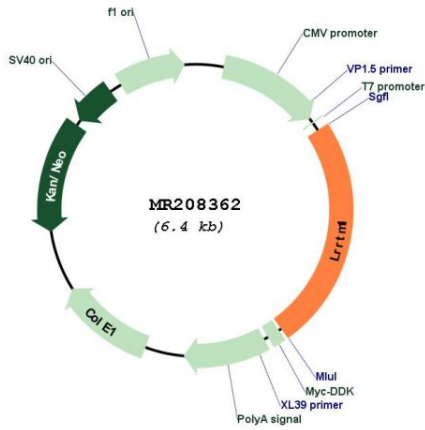
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cytogenetics: 6 C3
MW: 58.7 kDa
Gene Summary: Exhibits strong synaptogenic activity, restricted to excitatory presynaptic differentiation, acting at both pre- and postsynaptic level.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208362