

Product datasheet for MC218383

Lrrc18 (NM_001146021) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc18 (NM_001146021) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc18
Synonyms:	4930442L21Rik; MTLR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC218383 representing NM_001146021 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAAAGGAGGGAAAGGCCCAAGGGCAAAAAGATCACCTTAATGTGGCAAAGAACTGCATCAAAA
TCACATTTGATGGGAGAAAACGCCTTGACCTGAGCAAGATGGGTATCACCACTTCCCAAGTGATCTT
GCGGCTCAGTGATATAGATGAGCTAGATCTTAGCCGGAATATGATCAGAAAAATCCCGACTCCATCGCC
AAGTTCCAGAACCTGCGATGGCTCGACCTGCACAGTAATATTTGACAAGCTCCCTGAATCCATTGGCC
AGATGACCTCCTTGCTCTTCCTCAATGTGAGCAACAACAGGCTGACCACCAACGGGCTTCTGTGGAGCT
GAACCAACTCAAGAACATCCGCACCGTGAATCTGGGCCTTAACCACCTGGACAGCGTGCCCAACCACTG
GGGGCCCTGAAGGAGCTCCATGAGGTGGGGCTGCATGACAATCTGCTGACTACCATCCCCGCCAGCATCG
CCAAGCTCCCCAAGCTGAAGAAGCTCAACATAAAGAGGAACCCCTTCCCAATGCAGATGAATCGGAGAT
GTTCGTAGACTCCATCAAAGGCTAGAAAACCTCTATCTGGTGGAAGAGAAGGATATGTGTTTCATCCTGT
CTGCAGAGATGCCAACAGGCCAGGGACAAGTTGAATAAAATCAAGAGCATGGCCCCCTCTGCACCGAGAA
AGGCCCTCTTTTCCAATTTGGTTTACCCAACCTCAACAGCCAAGGATGCCAGGAAGAATGGAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001146021
Insert Size:	768 bp


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001146021.1</u> , <u>NP_001139493.1</u>
RefSeq Size:	1249 bp
RefSeq ORF:	768 bp
Locus ID:	67580
UniProt ID:	<u>Q9CQ07</u>
Cytogenetics:	14 B
Gene Summary:	May be involved in the regulation of spermatogenesis and sperm maturation. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses a different segment for its 3' coding region and UTR, compared to variant 1. The resulting protein (isoform 2) lacks N-terminal sequence when it is compared to isoform 1.