

Product datasheet for MC213156

Lrrc38 (NM_001162983) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc38 (NM_001162983) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc38
Synonyms:	A230053A07Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213156 representing NM_001162983 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGCCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
GCC

ATGAGTCTCTGCGTTGCCCCCGCCACCCACGGGCGCTGCTGCGGGCGTGGGGCTCGGTAGCCTTTGG
TGCTGCTCGGGCCGGGACGCGCTGCCCGCGGGCTGTGCTTGCACCGACCCCATACCGTGGACTGTG
CGATCGCGGGTGCCAGCGTGCCCGATCCCTTCCCCCTGGACGTGCGCAAGCTGCTAGTGGCCGGCAAC
CGCATCCAGCAGATCCCCGAGGACTTCTTCATCTTCCATGGAGATCTGGTGTATCTGGATTTAGGAACA
ACTCGCTGCGCTCGCTGGAGGAGGCACGTTACGCGGCTCGGGCAAGCTGGCCTTCTGGACCTGAGCTA
CAACAACCTCACCCAGCTGGGGCCGGCGCCTTCCGCTCGGCGGGGAGGCTGGTCAAGCTGAGCCTGGCC
AAACAACCTCTGGCCGGTGTACATGAGGCTGCCTTCGAGAGCCTGGAGTCCTTGCAGGTGCTGGAACCTA
ACGACAACAACCTGCGCAGCCTCAACGTGGCGGCTTTGGATGCGCTGCCGGCACTGCGCACTGTGCGCCT
GGACGGGAACCCCTGGCTGTGTGACTGTGACTTCGCTCACCTTCTCTCTGGATTGAGGAGAACACATCC
AAATTGCCAAAGGCTCGATGCCATCCAGTGTCACTGCCATGGAGGACCGGAGGGTGGCCCTGAGGG
AGCTATCCGAAGCTAGTTTCAGCGAGTGAAGTTCAGCCTGTCTCACAGACCTATTATCATCATCTT
CTCTGGGGTGGCTGTGTCCATTGCTGCCATCATCTCCAGCTTCTCTCTGGCCACTGTGGTGCAGTGTTC
CAGAGGTGCGCCCTAACAAAGCACGGAAGATGAGGATGATGATGAAGATGACTGA

ACGCGTACGCGGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	AscI-MluI
ACCN:	NM_001162983
Insert Size:	897 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:	<ol style="list-style-type: none">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:	<u>NM_001162983.1</u> , <u>NP_001156455.1</u>
RefSeq Size:	2327 bp
RefSeq ORF:	897 bp
Locus ID:	242735
UniProt ID:	<u>A2VDH3</u>
Cytogenetics:	4 E1
Gene Summary:	Auxiliary protein of the large-conductance, voltage and calcium-activated potassium channel (BK alpha). Modulates gating properties by producing a marked shift in the BK channel's voltage dependence of activation in the hyperpolarizing direction, and in the absence of calcium (By similarity).[UniProtKB/Swiss-Prot Function]