

Product datasheet for RN203417

Mms22l (NM_001135780) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mms22l (NM_001135780) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mms22l
Synonyms:	RGD1304693
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203417 representing NM_001135780 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGGCGGTTGACGAGCGTCCACCTTCTTGACTGACAGCTTAGAGCTGGAGCTGGGGACAGAGTGGT
GCAAACCCCTGCTTTTCTGCGCTTTTGACAGCAGAGACGGAAAAATTTCTGGAGAGTCTACCTTGC
CAGTGGCGCCCTAAGCGGTTAATTTTAAATCTTGATCCATTACCACTAACTTTGAAGAGGATACAGTA
GAACTATTTGGCATCCAATGGGTTACTGAAACAGCACTAGTACATTCATGTCGAGAATCTTTTCATTTAT
TCAGGCAACAGATATTTAACTTGGAGTCTTTGTTACAAGTCAACTGCGATTTTGGGAAGATAGCCGCTT
GCACGCCAAAGCAGACAGCATTAGGCAGCAATGTGTAGTATTTCTTCACTACCTTAAAGTCTTCATCTTC
AGGTGGCTGAAAGTACAAGAAGCAGAGACCCACAGTCTCCTTGTCCATCCCTATGAGGTTTTGGAAGCTC
AGCTTCCCTCGATGTTGGTTGATGAGCTTCATGGATTACTTCTATATATTGGACATCTAGCTGAACCTCC
CAGTGTACTCTAGGAGCATTGTAAATCAAAACCAGATTAAGCTCTTCCCTCCATCATGGCATTATTA
CATCTCTTCTTAGACACCCATTGGCTGGTGTGGAAACTGCACATGCTGGGAGAAAAATTAACAAG
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TTGTGAACATCTTTTCTGTGACTTAATATGCCTGTCACCAACAGATATGACAAGGTTATGCCTTCAGAA
GCATTAATGATTAGTCACTACCCATGCTCCTGTGTTAAAGAATTATGGGTTCTACTTATTCATCTTCTAG
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TGGATTAGTGTTCATGTAGCATCATTGTTCCAGATTGATCGCCATGGTGTATTGGATGAAATGAGACAGA
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GTCACCATTTTATGGGAGTATTATTGAAGAACCTGAATAGCTCCTTCAGTATTTCTTGGCTTCTTTGA
AAGGCCTTACTAATATTATCAAGTCACTGTCGATGCTTACACTGGTGAAGAAGTCTATTGTGATAA
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AAGAAAGCAATGAAAAACAGTGGCTCTCATCCTTGAAACAAGTTAAAGGAAGAATATATTCTAAATTTCT
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 AGCTGTTGCAGAGATAGAAGATGTAGCAAGCCATGTCTTAGACCTCCTTCGTTTCTCAGGCCCGCCTCC
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 TAAGCATGATGAAATGGTACAGAGACATGATCTGTGGACACAGCTTCCATCTACATTGATGGTGTCAA
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 AGAGTCAGAGAATGACACAAGTGGTGCCTCTCCCAGCTTGCAGATGCTGCTGCAGATTTACTCTGCT
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 TTTGGTGGGATGATATCATCTGCCCAAGTTGTAGCAAGATATTAAGTCATTTGTTACAAAATAGCA
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 TTGTGTTTCAAATGTACGTAAAACACCTCTGAACTGATTGCTGATTGATATGAATCCTGACCAG
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 CAGGGTTGCAGCTGACTTATGGGATAATGGGAATCTTGTAAATCATGGGCACAAAATCTCGCCACCTC
 TAAAGCACAGAAATACTGTTTCGGATAATAGACTGTTTATTGCTGCCACATACAGTGTACAGCAAGAC
 AAGGAGTTGCCTGTACCCATGTTGACTGCAATTCAGAAGACTCTCCTCTGTATCTACAGGGCATATGTG
 CTGTGTGCTGCCAGTCTAAAATCCAAACGCCTACTTGAATCAGTTGCTAAGGAATGCTATTGAGCAGTA
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 ATCTTGAGTTAAAGGCTCTCACCCCTCCTCGATTAGCATCCGATTGGCCTTCATCCTCCAGCTCTT
 CAAGGATACCACATTGGGTGTTGTGACCTTGAAGTCTCCTCCTGGAGTCTTAAAGTGTGGTGTG
 GTAATGAACCCCAAGTTAAAAGGCTGGCCACAGAGAACCTGCAGTGCATGGTAAAAACCTGCCAAGTGG
 GGTGAGAAGGAGGACCTGCCACCAGTACTTCTGTTTAGGCAGTTCATCCAGGACTACGGTATGCA
 ATACAGTTATCAAGTATACAGCATCCTGGAGACAGTAGCAGCACTGAGTCAGCACATTGGCATCCAGTTG
 ATTCCTACCTCACTCAGTCTCTGAAGGATCCGAGCTGAAATGGGGCTCGGCAAAAATATTGCACAGA
 GGAAGCATATAGCAAACCTTTATCTCGCTAGGACAGGGGGGAGGATGAGAAGCAGAGACTGGAAG
 TGATAAGCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001135780
- Insert Size:** 3723 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: [NM_001135780.1](#), [NP_001129252.1](#)

RefSeq Size: 4379 bp

RefSeq ORF: 3723 bp

Locus ID: 313108

Cytogenetics: 5q21