

Product datasheet for **MC219963**

Tmem62 (NM_175285) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem62 (NM_175285) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem62
Synonyms:	B830009D23Rik; C77355
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219963 representing NM_175285
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGAGAATGCTGGCGGTCCGGGTGGTGGCAGGGCTGGCGGCGGCCGGGTGGCCGCCCTGCTGTTGG
 AGCACTACGGCCTGGCTGGGCCGACTACGCCGCTGCCGAAGCCAGAGGCTCCCAGAGGCCGACCCCGC
 CCCGGGCTCGGAAGCCAACAACATCTTCTGGGGCTGCAGATATCCGACATTACCTGAGCAGATTTCAA
 GATCCAGGCAGAGCGCTGGCCTTAGAGAAGTTCTGTTTCGAAACTATTGACATCATTAACCGGCTCTTG
 TCCTGGCCACTGGAGACCTGACAGATGCCAAAACAAGAACACTTGGGATCCAGACAACATGAAGTAGA
 ATGGCAAACCTACCAGAGAATTCTGAAAAAGACAAGAGTCATGGAAAAACCAAGTGGCTGGATACAAA
 GGAAATCATGATGCATATAACATCCCAAGTCTGGAGAGCATCGCCAATTATTACAGGAAGTACTCTGCTG
 TCGGAAGGACGGCGCTTTTCATCACATCCACAGCACTCCCTTTGGCAACTATTCCTTCATCTCTGTGGA
 TGCCACCCAAAGGCCAGGGCCTAAGAGACCCTATAATTTCTTTGGCATTTCATGAGAGAAACAGATGGAG
 GAACTCGTAGAGTTTCCAAGAAAAGCAGTCAGAGCAACCAGACGATTTGGTTTGCCACTTTACAACAT
 CAACTATCATGTCTCCATCCCCAGGGATCCGGACAGTAATGGGTTCCGCTACAGCTTATCTGTGTGGCA
 CCTCCATACGCTTGGTGGGCTGATGCCTGTTCTGCACACCCGTCACCTTACAGGCACGCTGGAACCTGAG
 GTGGGAGACTGGAAGACAACAGAAGGTACCGGATCTTTGCCTTTGATCAGACCTCTTTAGCTTTGCAG
 ATGTAACCTTTGACAAGTGGCCTGTGGTTCTCATCACCAATCCCAATCCCTCCTCTATAGCTGTGCTAA
 GCATGAGCCGCTAGAAAGGCTCTTCCATTCCACACACATAAGAGTATTGGCCTTTTCCTTATCCCCATC
 ACTTCTGTCACTGTTAAGATTGATGGAGGTGATATAGGCCAGGCTTCTCACTTGTCTGGTCTATTTTCA
 TACTGAAGTGAACCCCTAGAAACTACAGTAATGGGACACATACCATAGAAGTATTCGTCAGGATTCTGC
 TGGAAGAAGTAGGACTGCTCACCACATATTTCTGCCCAAGAGGATGCTCATCTCACATTTGATCCTTTG
 GCATCATTTATCCTCCTTACTGACCACTACATTGTGGCCCGGGTCTGTTGTGTTGATTGTGCTGATCC
 AGCTCACCACACTGATTACATTAGATATCTAGCATACCCAGAGCTTAAAGAACCTCTGGGATTTGCAAA
 TATGACCACATTTCCCTTCATATCTTGAGCAAAATAACATCTCCTACTATTCTGTTTTGTTGTTGACC
 TTGTATACAGTGTGGGACCATGGTTTGTGGTGAGATAATTGATGGCAAATTGGGTTGTGCTTTTCAT
 TTGGGATATTTGTTGATGGACATTTCTGCAAGGTGGTCTAACATTTATAATGGAATTATACAGCTGGT
 GTTCTTTAACATCCCCTTGATGGCTTACGTATGCTGGAGTTTGCTACATCGCTGCTTTGGTCACAGCTTC
 AGGTCTCATCTCCACAGGGAAAATACTGGAAGATTATACCTGTTTACCTACTTATACTTCTACTGTACA
 TATGGCAGGTTTATTCTTGCTACTTTCTCATGTGACATATGGCTCCCTAGCCTTTACATTCTCTCCATT
 GAGGACCTGGTTGACATTGCTGACACCTGTGCTCATTTACCGTGTGTGGACATTGAACTCCACTGAACT
 GGAATATTCATGGTGCAGTTAAAAAGTCATCTGAGCTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175285

Insert Size: 1932 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_175285.3](#), [NP_780494.1](#)

RefSeq Size: 2886 bp

RefSeq ORF: 1932 bp

Locus ID: 96957

UniProt ID: [Q8BXI9](#)

Cytogenetics: 2 E5