

Product datasheet for **MC205341**

Tmem68 (NM_028097) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem68 (NM_028097) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem68
Synonyms:	2010300G19Rik; AA408325; AW123402
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC016240
 GGCACTACCCGCGTGTCTGCTTCTCCCGGCTCTGCCGCCGACCAGCTGCCGAGGTGCGCGATTTCTGTG
 ACTTTCTGTGCAGAGTATATGCATTGAAGCTAAAGACAAGATATTTGTGTAATTTGTGTAATCTGGCATT
 GAAGTTGGAACATATGGCAATGAAGAAAGACAGGATTTGGGATTTTCATCTAAGAACATGATAGATAA
 CAACCAAACCTGTGCTGCAGGACAGGACTCTGTGCCCTATGTGACCTGTATGATTATGTGCTTGAGGAG
 TGGTTGGGTGTGGAGCAATTGGAGGACTATCTGAATTTTGCAAACCATCTTTTGTGGGTTTTACCCAC
 TGATACTTTAATACTTCCTTATTTTACCATCTTTCTTCTACCTTACTATTATTTTCCATATCTA
 CAAGAGGAAGAATGTATTTAAAAGAAGCCTACTCTATAACTTGTGGATGGTGAAGGAAAACGGTGCA
 ACTCTGTGGGATGGACATGCGGCTGTTTGGCATGGTTATGAAGTTCATGGGATGGAAGATAACCAGAAG
 GAGCTGCACCTATAATTTTTTATCATGGAGCCATCCCATAGACTTTTACTACTTCATGGCTAAAATTTT
 CATCCAGAAAGGCAGAACTTGGCAGTAGTAGCTGACCACTTTGTCTTTAAAATTCAGGGTTTCACTTTA
 TTAAGTGTGTTTTGTGCTTTCATGGACCAAGAGAAAAATGTGTTGAAATCTTGAGGAGTGGTCACT
 TGTTAGCTATCTACCGGGCGGAGTTCGAGAAGCCTTACTTAGTGATGAAACCTACAACATCATATGGGG
 TAATCGTAAAGGCTTTGCTCAGGTTGCAATTGATGCAAAAAGTGCCATTATTCCTATGTTTACACAAAAT
 ATTCGAGAAGGATTTAGATCACTTGGAGGCACAAGATTATTTAAGTGGCTTTATGAAAAATTCGGCTATC
 CATTTGCTCCAATGTATGGAGGTTTTCCGTAAAGTTGCGGACCTTCTTAGGTGATCCCATTACCATATGA
 CCCAAAGGTAACAGCAGAAGAATTAGCCGAAAAGACCAAGAATGCTGTTCAAGCTTTGATTGACAAGCAC
 CAAAGGATACCGGGGAACATTAGGAGTGTCTGTGGACCGCTTTCATAAAGAGCAGAAGGCTCATTAGC
 AGATAGCTTAATGTGCTGCAGTGACAAGTTGTCATCTGTGGTACTGTCTGTAGGTTGTATATTGATTA
 GTGTTTTTAAAACGTTGTCTAATGAACATCTTTCTTTAGAACTTAACTTTATATGGTTAATCTTATCC
 TTTCAATCAGTTGTGCAATTTAATAAGTAGCTCATCTTTGCTTGACTCAGCAATGATCATGTTGCA
 TTAGGTCAGGCAGACTTTACTAAATCATGTTTCTTATGTTTGTGCTGTTGTGCAATATGATAGTAGGG
 GTAGCACTTGCTTAATTAAGATGAGTGATGCCTTTATGTATCTGCTCATTCCATTCCAACTGCTG
 GCAAGTTGTGGAACCTTTTGCACCTCAATGATTTATGTTAAGCATGCTAATACTGTGCTGATGAACATT
 ATTTAAGTTGCTTATATCTACTGTGATATATCCATATATGATAGATATCTGTAGTGAGAATCTATAATT
 GAATTGATTCCTAAATCCTCTAGGAGTTATGTATATAATTTTGTCCATTGGATGTTGAACTACTCCTTC
 AGGTATGATGTCCAGTTGCCAAGCACATTGAAAGAGATGACTATTTTATAAATCAAATCATTGTTATTT
 GTAGTATTTAATACCGAATTGTTTGTATTTATTTTAAATAAGTATCTAAGGAAATGTATAGGATGAGT
 TGTCAGCACAGTGTGTTTATGGTGAAGACAAAATCATGGGCATGCTCTGCAGTTCATGTTAGAAGTGGG
 TTCTAGGCTAAGGAATAACATGCTAAGACAGCTCTGGTCTCGCTCAGTATCCGGGCTCTCTTCTGTGCT
 TTGCGCCAGTAACGTGGTTATTTTAAATAAACGTAATGATAAACTTCTGTAACATGGAGC
 TCTCTGAAAATGTAATTGCTTTTGTGTTTTTGTGTTTTTGAAGCTTATTTTAAAGTATTTAAACAACA
 AAGTATCATAAGCTCACTGCAGTATGTCTGTCTCTACCACCTTTGTATACTTGGGTTTTATATGGACTT
 TTTAACTACAAGTGTGTTTATGACATATATAATGTATATAGAAATGATGTGAAAATAAAGCTGAATTG
 CACCTCTTCTCTAGTAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_028097

Insert Size: 990 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: [BC016240](#), [AAH16240](#)

RefSeq Size: 2411 bp

RefSeq ORF: 990 bp

Locus ID: 72098

UniProt ID: [Q9D850](#)

Cytogenetics: 4 A1