

Product datasheet for **MR209507**

Tmem184c (NM_145599) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem184c (NM_145599) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tmem184c
Synonyms:	8430433H16Rik; AI645453; AL033298; BC004056; Tmem34
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209507 representing NM_145599
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTTGCCGATGTAATCGGAGTAACTGGAGGAGATGGATCCGACCCTGTTGGTACTTTTTACGCAA
 CAACCATCCTGGTCGCGTTCCGATATGCATTTGGAAGTTTCAAAAAATGAAGGTTGGAATGCACACGAA
 ATCCTGGTTTATAGCTGGAATATTTCTGCTGCTAACCATACCCGTGTCATTGTGGGAATCCTTCAACAT
 CTGGTACATTACACTCAACCTGAACTTCAAAGCCATAATAAGGATCCTATGGATGGTCCCAATATACA
 GTGTGGATAGTTGGTGGCCTTGGTATATCCAAAATTGCAATATACGTGGATACCTGGAGGGAGTGTTA
 CGAAGCTTACGTCATCTATAACTTTATGATCTTCTTACCAACTATCTGACAATCCGATTCCTCAAACCTG
 ATATTACACCTCGAAGCGAAAGATCAACAAAACCATCCTTCCGTTATGCTGCTGCCACCGTGGCGCA
 TGGGAGAAATGCTACTCTTTCGTTGCAAGCTAGGAGTGTGCAATATACCGTGGTCCAGCCGATCACCAC
 CGTCACTGCCTGATGTGAAATCCTTGATGTATATGATGAAGGAACTTTGGTTTCAGCAATGCTTGG
 ACATACCTCGTTATACTAAATAATTTGTACAATGTTTGCATGTACTGCCTGCTGCTGTTTTACAAG
 TCCTAAAGGAAGAGCTTAGCCCTATACAACCTGTTGGCAAGTTCCTCTGCGTAAAACCTCGTGGTTTTCGT
 TTCTTTTTGGCAAGCGTACTTATTGCTTTGTTGGTAAACTGGGCGTTATTTAGAAAAGCGTACCTGG
 GAATGGCAAAGTGCAGAAGCTGTGGCCACGGCCCTGCAGGATTTTCATAATCTGCATTGAAATGTTCTTTG
 CGGCAATTGCCACCCTATACGTTCTCTATAAACCCCTATGTGCATGAAGCAGAGGAAGGCTCTGCTT
 TGACTCGTTTCTGCAATGTGGGATGTGTCGATATCAGAGATGATTTTCTGAACAAGTAAAGCGTGTC
 GGGAGGACAATGAGAGGTTATCCAAAAAGAAATGTTTTCTGGAGATCCAGATCATAATGAGCACTCGA
 CCTACTTTCTTCTTCAACAAGATCTAACTTCTGTTCTTCAAAGGTACCTCCAGGGGCGCTGTA
 CCAAGTTTTGGACACACTATTTCTTACAGAGCCCAATTTCTATAGCCAGCATATATGAAGAGATCATG
 AATGACATCCCAGAAGAGCAACAGAAGCTTCTCAATCCCGGACAAGACGTCACGATCAACATCCCAGAAG
 AGCAACAAAAACTTAACACAGGCAAGGATGTCATGCTTGACAGACAGACCATTACTTCACCGAGACCAAT
 TTCTATAGCCAGCATATATGAAAAGATCATGATTGACATCCCAGAAGAGCAACAAAAACTTACTGACACA
 GGCAAGATGTCATGATTAACAGACAGACCATTACTCCACCGAGACCAATTTCTATAACCAGCATATATG
 AAGAGTCTTAATTGACATCACAGAAAAGCAACAAAAACTTAATGATACAGGCAAAAATGTCATGATTA
 CATCCCAGAAGAGCAACAAAAACTTATTGACAAACGCAAAGATGTCATGATTGACATCCCAGAACAGAAC
 GCAATTCCTGATAATAGCCAATATCAAGACCAGGAACAAATAGTTACTTTACAGGCTTTATTTCTTCAA
 CAGAAACATCTGAAAATAGCATGATTGACACCTCGGAATCACAGCAGGAGTCTTCTGATTATGTACCGA
 ATCTTCTGATTATCTACCGAGTCTTCTGACCTATCTACGGACCCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209507 representing NM_145599
 Red=Cloning site Green=Tags(s)

MPCACNRSNRRWIRPLLVLVYATTILVAVPICIWKFQKMKVGMHTKSWFIAGIFLLLTIPVSLWGILQH
 LVHYTQPELQKPIIRILWMVPIYSVDSVALVYPKIAIYVDTWRECYEAYVIYNFMIFLNYLTIRFPNL
 ILHLEAKDQQNHILPLCCPPWAMGEMLLFRCKLGVLYTVVVRPITVTALVCEILDVYDEGNFGFSNAW
 TYLVILNLSQLFAMYCLLLFYKVLKEELSPIQPVGKFLCVKLVVFSVFWQAVLIALLVKLGVISEKRTW
 EWQSAEAVATGLQDFIICIEMFFAAIAHHTFSYKPYVHEAEEGSCFDSFLAMWDVSDIRDDISEQVRRV
 GRTMRGYPKKCFPGDPDHNEHSSLLSSSSQDLTSGSSKVPSPGLYQGFHTISSQSPISIASIYEEIM
 NDIPEEQKLLNPGQDVTINIPPEEQKLNLTGKDVMLDRQTITSPRPISIASIYEKIMIDIPEEQKLTDT
 GQDVMINRQITITPPRPISITSIYEEVLIDITEKQKLNLTGKNVMINIPEEQKLIIDKRKDVMIPEEQN
 AIPDNSQYQDQEQIVTLQALFPSTETSENSMIDTSESQEQSSDLCTESSDSSTESSDLSTDP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9014_e01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_145599

ORF Size: 1866 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

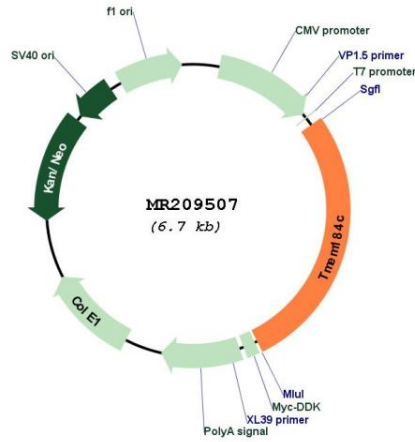
RefSeq: [NM_145599.4](#), [NP_663574.3](#)

RefSeq Size: 2701 bp

RefSeq ORF: 1869 bp

Locus ID: 234463
UniProt ID: [Q3TPR7](#)
Cytogenetics: 8 C1
MW: 71.6 kDa
Gene Summary: Possible tumor suppressor which may play a role in cell growth.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209507