

## Product datasheet for **MR214743**

### **Tmem8b (NM\_001085508) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tmem8b (NM_001085508) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tmem8b
Synonyms:	4930500O05Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR214743 representing NM\_001085508  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAACATGCCCCAGTCACTAGGCACCCAGCCACTGCCTCCGAGCCACCATCCCTGGGACTCCTATAG  
 AAGGGTCTGGAGCCATAGCACCCACTGAGCACTGCTGGCCAGTGGTCCGACTCTGCGCAATGAGCTGGA  
 TACCTTCTCTGTCCACTTCTACATCTTTTTTGGTCCCAGCGTGGCCCTTCCACCTGAGCGCCAGCTGTA  
 TTTGCCCTGAGGCTGTTGCCGGTCTGGACAGCGGGGGCGTCTTAGCCTGGAGCTCCAGCTCAATGCGA  
 GCTCTCTGCGCCAGAAAATGTAACAGTATTCGGATGCCTGACTCATGAGGTGCCCTTGAGCCTGGGGGA  
 TGCTGCTGTGACCTGTTCCAAAGAGTCCCTGGCAGGCTTCTTCTCTCGGTGAGTCCACCTCCAGAGTG  
 GCCAGGCTTCGAATCCATTCCACAGACGGGACCTGGTTCTGACCCTCCGTTCTCTGTGCGGGGTGG  
 GACCTCGGTTTGTGCGGTGCCGAATGCAACGGCAGAAGTGGGCTGCGTACCTTCTGTCCCATGTGT  
 GGATGACTGTGGCCCTATGGCCAGTGCAAACTGCTGCGCACCCACAACCTACCTGTACGCGCCCTGCGAG  
 TGCAAGGCTGGGTGGCGGGCTGGGGTTGCACAGACAGTCCGACGCGCTCACCTATGGATTCCAGCTGC  
 TGTCACACTCCTCTGCCTGAGCAACCTCATGTTTTTGGCACCTGTGGTCTGGCCATTCCGAGCCG  
 ATACGTGCTGGAAGCTGCCGTCTACACCTTCCACATGTTCTTCTCCACGTTCTATCATGCCTGTGACCAG  
 CCAGGCATTGTGGTTTTCTGTATCATGGACTATGATGACTTCAGTTCTGTGATTTCTGGGCTCCTTAA  
 TGTCCGTGTGGGTACCGTCATAGCCATGGCTCGTCTGCAGCCTGTGATCAAGCAGGTGCTGATCTGCT  
 CGGGGCTATGCTGCTGTCTATGGCTCTGCAGCTTGACCGCATGGACTCTGGAATCTGCTGGGACCCAGT  
 CTCTTTGCCCTCGGGATCTTGGCCACAGCTTGGACAGTTCGCAGCGTCCGGCGCCGGCAGTGTACCCAC  
 CGACATGGCGCCGCTGGCTTTTCTACCTGTGTCGCCGAGCCTGATTGCTGGCAGTCCGCTTCTACTGT  
 TGCTTTTGGTGGAGACTCGGGACAACACTACTTCTACATTACAGCATTGGCACATGCTCATTGCTGGCAGT  
 GTGGGTTCTCTGCTGCCTCCCCGTGCCAAGACTGACCGCCGGTCCCTTCTGAGGCCGGCCAGGGGCT  
 GCGGTTACCAGCTGTGCATCAATGAACAGGAGGAGCTGGGACTTGTGGGCCAGGAGGGACCACTGTGAG  
 CAGCATCTGTGTCAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR214743 representing NM\_001085508  
 Red=Cloning site Green=Tags(s)

MNMPQSLGTQPLPPEPPSLGTPIEGSGAIAPTEHCWPVRPTLRNELDTFSVHFYIFFGPSVALPPERPAV  
 FALRLLPVLDSSGVLSELEQLNASSLRQENVTVFGCLTHEVPLSLGDAAVTCSKESLAGFLLSVSATS  
 ARLRIPFPQTGTWFLTLRSLCGVGRFVRCRNATAEVRRLRFTLSPCVDDCGPYGQCKLLRTHNYLYAACE  
 CKAGRWGCTDSADALTYGFQLSTLLCLSNLMFLPPVLAIRSRYVLEAAVYFTMFFSTFYHACDQ  
 PGIIVFCIMDYDVLQFCDFLGSLSVWVTVIAMARLQPVIKQVLYLLGAMLLSMALQLDRHGLWNLLGPS  
 LFALGILATAWTVRSVRRRHCPPTWRRWLFYLCPGSLIAGSALLYAFVETRDNYFYIHSIWHMLIAGS  
 VGFLPPRAKTDRRVPSGARARGCYQLCINEQEELGLVGPGGTTVSSICVS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9065\\_d04.zip](https://cdn.origene.com/chromatograms/mm9065_d04.zip)

**Restriction Sites:**

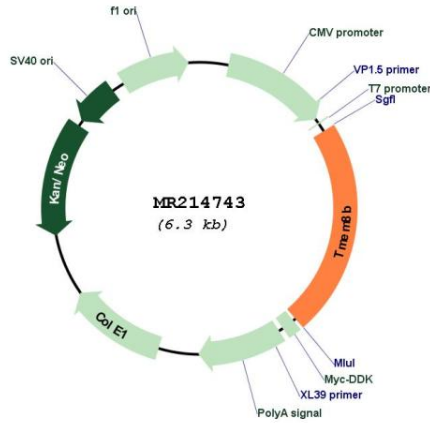
Sgfl-MluI



**MW:** 52.1 kDa

**Gene Summary:** May function as a regulator of the EGFR pathway. Probable tumor suppressor which may function in cell growth, proliferation and adhesion (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR214743