

Product datasheet for RN201045

Tmem18 (NM_001007748) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem18 (NM_001007748) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem18
Synonyms:	MGC93786
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201045 representing NM_001007748 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTCTCCGTATTCAGTCAGAGTCTCCAGTCAGCATCCCTGCAGTGATCATGGAGACGGACTGGA
CAGAGCCCTGGCTCCTAGGGCTCCTTGCCTTCCACCTGCTGTGCCTACTTCTCACATGCTTCTCCGCACA
GAGGTATAAACTACAGATTGGCCATTTCTTTGTCTGGTAGTGTTAGTCTATTGTGCCGAGTACATCAAC
GAAGTGGCTGCAATGAACTGGAGATTGTCGAAAGTATCAGTACTTTGACTCCCGGGGAATGTTTATTT
CTCTTGTTCTCAGCACCGCTGCTCTCAACGCCATGGTCATTGTGATTATGTGGGTACGGAAGACTTT
GACTGTGATGAGTGACCTGAAGAACTTACAGGAGAGGAGAAAGGAGAGGAAGAGGCGAAGAAAAGAAGAA
TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001007748
Insert Size:	423 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).



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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:	<ol style="list-style-type: none">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:	<u>NM_001007748.1</u> , <u>NP_001007749.1</u>
RefSeq Size:	1469 bp
RefSeq ORF:	423 bp
Locus ID:	362722
UniProt ID:	<u>Q6DGF8</u>
Cytogenetics:	6q16
Gene Summary:	Transcription repressor. Sequence-specific ssDNA and dsDNA binding protein, with preference for GCT end CTG repeats (By similarity). Cell migration modulator which enhances the glioma-specific migration ability of neural stem cells (NSC) and neural precursor cells (NPC).[UniProtKB/Swiss-Prot Function]