

Product datasheet for **MC201840**

Tmem218 (NM_025464) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem218 (NM_025464) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem218
Synonyms:	1810021J13Rik; AV004931
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC034160 sequence for NM_025464 AGCGAGGGGTGAGTCCTGGTGAGGAACCTGAGAGCCGGGTGAGGACCGGAGGCTGGCCCCAGACGCCTGG AAGGATGGCTGGCATGGTACTTGGAGTGGGTGCTGGCGTGTTCCTCCTCGCTCTGATCTGGGTGCTGGTG CTGCTGCTGTGTGCTGTTATCCAGAGCCTCTGGGATAGCTAGTTTCTCCATCGTCTTTGTCTTCTCG GAGCTCTGATCATTACTACAGTTCTATTGCTTTTTCCCTCGAGCCAGTGAATTCAGCCCCAGAAGGAGA AATGAAGATTGTGGACGCCTTTTTATCGGCCGCTATGTCCTGCTGGCTTTCCAGTGCTGCTTTTCTT GGAGGCCCTCTTCTGCTTCTACTCATTTTTGCTGGAGCCAATCTATGCCAAACCACTGAGGTCCTGCT GAGCATAGTAACGGAAACACGGGACATGTTGACATCACGGATGAGCGCAAAGGCAGTCTGGAGCCTGACC ACCTTCATGTCTTCAGACCAGAGGGATAACTATTTGCTACTAAGGCAAACCTCCTGAGCCCTGGCCTCCA GAAACTCAGTGGCAAAGCCGAGTCCATGGATGTAATTTGTCACCATCGAGACAGGTACAGCTGTCTTCTC GGAACCCATATGCAGGATTTCTGTCTGTTTTGAATGAACAGTAGTAACAGTGATCTGCTTTGGGTACATT GTTCAATCAAGCTGTGGGTAGTAGATTTGGGAAAAGGAGTTTTGGGCTTTGTTATCCAACAGAAGAAGC CGGCCCTTTTTAATAACGTATAAATTATAAGTTCTCAGTTGAGTATTTGGAACCATTTGGAAGAGAGAGG CATACAAACACAAAATTGCTTTAATGAGATAGTATGGAAGATGCATTAGGCAGCGGTTATTGACCATTC TTATGTGCAGTTCACAGAGCTCTGTAAGACAGTGTGTGGCCCTTGCTGAATTCTAATAAAGCAATAA ACAGCTACCAAAGGGCTTGTCTTCAAGCCCCTGGCTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_025464
Insert Size:	348 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>BC034160</u> , <u>AAH34160</u>
RefSeq Size:	1057 bp
RefSeq ORF:	348 bp
Locus ID:	66279
UniProt ID:	<u>Q9CQ44</u>
Cytogenetics:	9 A4
Gene Summary:	May be involved in ciliary biogenesis or function.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate splice junction at the 3' end of the first exon compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.