

Product datasheet for MC214696

Tmem237 (NM_001033449) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem237 (NM_001033449) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem237
Synonyms:	Al853305; Als2cr4; Gm972
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214696 representing NM_001033449 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCTCCCGGAAACTGTGGGTGAACCCCTCCGCTCCTGGGACGCCGGCCGACGCTGAGCGTCCTC
CACGAGCACTCCACCTGTGCCAAGTGCTATCCAAGACGATATCCACTTAGTCATCCTAAGAAAAAGAA
GTCCAGAACAAAAAGCTCGTAGCTACCGCTTCTTCGGAAGGCCATGCTGAGCCCGTTGTTAACAGGAGG
GCTGAAGGCAGTGAGCCACCAGCTGCAGAACTCAAGGAGCACCCAGAAGCTCCTGCTCCAAGGAGACAGA
AGAAGATAAGACCACCTCCTGAGTTGGAGACTTCCCTCACGAAAGGCCATCGAGTCCATCTCTACTACG
GAACGAAAACGGCATTGATGCGGAGCCTCGTGAGGAGGCAGTGATTCCAAAACCGAGAAGGAAGGCAAG
AAAACCCAGCCAGCTGAGCCACAGTATGCTAGCGAGCTAGGGGTGGAAGATGAAGACATACTCACAGATG
AGCAGAGCACTCTAGAACATCACTCTAGGTTACGGCACCCACCGGAGTTAGCCAGCCTGTTGGCAAAGT
ATTTGTGGAAAAAGCCGGAGGTTTCAGGCGCGGACCGTTCCGAGTTGATAAAGACCACAGAAAACATA
GATGTGTCAATGGACGTGAAGCCATCTTGACTACCCGAGATGTGGCACTTTCTGTGCACCGAGCTTTCA
GGATGGTCGGTCTGTTCTCTCATGGCTTCTTGCTGGCTGTGCTGTGTGGAATACTGTTGTGATCTACGT
TCTTGCAGGAGATCAGCTGTCTAATGTCTCCAACCTTCTGCAGCAGTACAAGCCCTTGGCTTATCCCTTC
CAGAGCCTTCTTTACTTGCTTTTGGCTCTAAGTACAGTTTCAGCATTTGATAGGACTGACTTTGCTAAAA
TATCAGTAGCAATCCGGAACCTTTTGGCCCTGGAACCAACAGCTTTAGCTTCTTTCTGTATTTTACTGC
TCTAATACTATCTCTGAGTCAGCAAATGACAAGTGACAGAATCCACCTTTACGAACCTTCTGTCAATGGA
AGCCTCTGGGCAGCAGAAGCTGAGGAACCGATTCTCGTGCCATGGATCATAGTGAATCTGGTGGTGGCTC
TCCTGGTTGGATTATCTGGCTCTTCTGTCTTACAGACCAGGCATGGATCTTAGTGAAGAGTTAATGTT
CTTTTCTGATGTGGACGAGCACCTGAGACAGGAACCAAGCCTCTCCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001033449
Insert Size:	1242 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001033449.1</u> , <u>NP_001028621.1</u>
RefSeq Size:	1884 bp
RefSeq ORF:	1242 bp
Locus ID:	381259
UniProt ID:	<u>Q3V0J1</u>
Cytogenetics:	1 C1.3
Gene Summary:	Component of the transition zone in primary cilia. Required for ciliogenesis.[UniProtKB/Swiss-Prot Function]