

Product datasheet for MC214577

Tmem120b (NM_001039723) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem120b (NM_001039723) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmem120b
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC214577 representing NM_001039723

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCGGCCAGCTGGAGCGTTGCGAGCGCGAGTGGCACGAGCTGGAGGGAGAATTTAGGAGCTGCAGG
 AGACACACAGGATCTATAAGCAGAAGCTGGAGGAGCTGACCTCCCTGCAGACGCTGTGCAGCACCTCCAT
 CAGCAAGCAGAAGAGGCACCTGAAGGACCTGAAGCACACACTCCAGAGGTACAAGCGCCATTCCAGCCAT
 GAGGAGGCGGCGCTCATCCAACAGATGACCGCCAACATTAAGGAGCGACAGAATGTCTTTGACATGG
 AGGCCTACCTACCGAAGAAGAATGGGCTCTACTTGAATCTGGTTCTTGGCAACGTGAGCGTGACCCTCCT
 CAGCAATCAGGCCAAGTTTGCTTACAAGGATGAGTATGAGAAGTTTAAGCTCTACCTGACCATAATTCTT
 CTTCTGGGTGCTGTGGCGTGTGATTTGTCTTCATTACAGGGTGACCGATGAAGTCTTCAACTTCCTGC
 TCGTGTGGTATTACTGCACCTTGACCATTCGAGAGAGCATCCTCATCAGCAATGGTTCCAGAATCAAGGG
 CTGGTGGGTGTCTACCATTTATGTCTCCACGTTCTGTCTGGAGTGATGCTGACTTGGCCTAATGGACTA
 ATTTACCAGAAGTTTCGAAATCAGTTTTAGCGTTCTCCATTTTTCAGAGCTGCGTTTCAGTTTCTACAGT
 ACTATTACCAGAGGGGCTGTCTCTACAGACTGCGGGCCCTGGGGGAGAGGAACACCTGGACCTCACAGT
 GGAAGGGTTCAATCCTGGATGTGGCGGGGCTCACCTTCCTCCTGCCTTTCCTCTTCTGTGCCATTTTC
 TGGCAGCTCTACAATGCCGTACCTGTTTGAGCTCTCCACCCATGAGGAATGCAAGAATGGCAGGTAT
 TCGTGCTGGCTCTCACCTTCCTCATCTTCTGGGCAATTTTCTGACCAGCTCAAAGTTGTCCATGC
 CAAACTCCACAAGAACAAGACAAGACAGCCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001039723



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Insert Size:	1020 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_001039723.2, NP_001034812.1</u>
RefSeq Size:	1860 bp
RefSeq ORF:	1020 bp
Locus ID:	330189
UniProt ID:	<u>Q3TA38</u>
Cytogenetics:	5 F
Gene Summary:	Necessary for efficient adipogenesis (PubMed:26024229).[UniProtKB/Swiss-Prot Function]