

Product datasheet for **MC202391**

Tmem150c (NM_182841) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem150c (NM_182841) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem150c
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC055321 sequence for NM_182841
 GCGGCCTGAAGTCTCCGTCATTATCAGGGTCAGAAGTTAGCCCTGTGTCTGCTCAGTAAGATGAAAG
 AAAACCACGGGAGGGCAGCGGGTGGTGGAGAACTACGCTGGGCTCGTGGGCTGAAAGTGAATTTAGCT
 GCTGTATGCAAAGTCTTGGTGTGTGGACAGAAGGGAGCCGGTAAGAAGTTACAACAGGTCAGGAATAA
 ATAACCAGCAGGCGGAGGATCCCGGATCCCGTCTGCCTTTTGTGGGTGAGGAGGCCAGGCAAGCGCG
 TCCACCTTGGCTTAGGAAGGAGGCGATTGGACCGTCCGCCCGCAGCCCGCAGCCCCGGGTGACGTTGCACA
 GGCAATGGACGGGAAGAAATGCAGCGTGTGGATGTTTCTACCTCTCGTGTTTACTTTTACTTTCAGCTG
 GCTTGTGGATAGTGTACTTTATAGCCGTGGAAGATGACAAAAATTTGCCATTAATAATTCAGCTGCAAGGAA
 ATCGGGTGCGAAGCATGCTCCATACATCAGTTTTGCAGGTGACGACCCTCCTGCGAGCTGTGTGTTCACT
 CAAGTAATGAACATGGCCGCCTTCTAGCCCTCGTGGTAGCTGTTCTGCGCTTCATCCAGCTAAAACCAA
 AGGTTTTAAACCCATGGCTGAATATCAGCGGTCTGGCGGCGTGTGTCTGGCTTCCCTTGGAAATGACCTT
 ACTTGGTAATTTCCAGCTCACAACGATGAAGAAATCCACAACGTGGGGACATCCCTGACCTTCGGGTTT
 GGCACCTGACCTGCTGGATCCAGGCCGACTGACACTCAAAGTCAATATCAAGAACGAGGGGCGGAGAG
 CTGGGATCCCGAGAGTCATCTTGTGAGTGTGATTACCCTCTGCGTAGTCTGTATTTATCCTGATGGC
 CCAAGATATCCACATGTACGCAGCCAGGTCAGTGGGGCTGGTCATGTGCTTCTGGCGTACTTTGGC
 ACCTGGCTGTGGAGTTCGGGCACTACCCTATGAGATTGTGTGCTCCGAGTACCAAGAGAACTTCTGGA
 GCTTCTCAGAAAGCCTGTGAGAAGCTTCTGAATATCAGACGGATCAGGTGTAGCAACAGTTTGCCTTGG
 GGGTGGGTGGGTGTGGCAACAGGGGAGGGGCCAGGAGGATACACTCACGGGACTCGACACATCACCTCA
 CGATGCTTTTACACACACACACACACAGGATGCACACTCACGGCCATATCTGACAGAAGAGCTTTTCA
 GGGCAGTTACTTCTTTTGAACAAGCACAAGCCCTCATGTATGGAAATACACGCTGTACACCCGAAAA
 CATGCACGACAGAGCCAGAAGCTTGTGCATGACCACCTCCCGCCCCCAGCCCTCCAGCAGGCTTG
 CGTCTCATCTTTTCCCGTTCCAACCTGGCATCTTCTCTGCAAAGTAAGGCCGCGCAATGTAATA
 GTGAGAGTCAAGCCAGCTCCCTAAGTCGCTTCAAGTTGGAAGGGTTTGGAGCAGCAGGAGGAACTT
 GAGTGGAAACCTAGGAGCATCTGGCTGCATGCACCCCGCACTAAAGCTGGCCGTGGCCTGAGAGGCGTGG
 GCAGAGCTTTCCATCAGTCTGACATCATCACTGTTTCAAGCGTGGCTTTGTGGATCCAGAGAGAGAAGC
 ATGCTACAGAGAGTGAGCGGAAAGAAGCCGGCCACCAGCATTGGACTTGTGACTCTGCCTGAGGAA
 GATCTCCAACGTGAATGCTACCGGGGACAGTCAAGCCGCAATGGCACGAGGTACGGCTGAGAGGGCGTG
 GCTTGGTTTTTCTTCCACAGTGCATCACCCACAGTTCCAGTTTGCATTTTCTTTTGAAGTGCCACTCT
 CACGGGTCTATGTAGGCCTCGTGGGCAAGGTGTGGACCAAGGCAAGAACCTTGTTTTGGCTTCAAGTA
 TGAAGGGGTATACGTGCAAGCTTAATTTATATCTGAAGAAATAAAGAAAAAAGATTCTCGAAGAAT
 CGCAAAAGAAATCTACATGGAGGTGAAAGGTATGAGGGCTCTGAGGAAAGACAGGAGTTAGCCCTTTG
 CTGCTAGTCCAACCCAGGGGAGATTTAACATCGTGTGTGCTCAAATTTATAGTTTGAAGACTGGGG
 ACTTTAAATTAATTTGGAAGTTATAGAAGCAAATTAATAAATCATCGCCCTCCCGCAAATCACATTGGCAC
 AAATGGAGCTGCAATACTGCTAAGCTGTTCCGGAGATGAGCCAGAGGTGCAGGAGTTCAAGGCCATCCTA
 GATCCCTGTGCCAAACAGAGTGCCAAGTGCACAAGCACCCCTCCCAACCAAGTGCACAAGCACCC
 CCTCCCAACCAAGTACAAGCACCCCTCCCAACCAAGTACAAGCACCCCTCCACATTTGTTTCAA
 AAACTCTCAAACCTCTAGGGGCTCAGACAGCCCGAATGTAATGTGGAAAACGTTGTTTTGTAATTT
 CACCCTGAAGTATAGCTTCCCAAGGAAGGTTCAAATGCTAAATCTCCGCCCCAGCATAGCCCGAGC
 ACGAGCACACAGTAAATGTCCAAATGAACAGATTTGCTGCTCGTTTCTGAGTGGAGGTGAGGAGCATCAA
 AGAGATTCAGAGACAAACGACAGAGTGGAAAGACAGAGTGAAGAAGGAGGGGAGGACTCATCACTACAGG
 GCAGGGCAGGGCAGGAGTGAAAAGCCCCAGTGGTGTGAGAAAACCTCGAGTAGAGTATTCTTTATTA
 AAAAGGCGTCTTACCGTAAATACTCCAGGGGATGTCTGTTAGTTTTGAAACTGCTATGAGGTTTCTCT
 TCTTTCTCTTTTCACTTTTCTATTTTAAAGATTTTTATCAAAGAACAACGGTTTTTACTCTCC
 ACACTCCAAGTAAAGAGCTTTCGGTGCACACTTCTCTGCTTCTTAAGAGTGTGCAGCAGCAGCAGCGG
 CAGCAGCAGCATCCAGCCAATACTGACATTACTACTGGGACCTGGCCACTGAATAAAGGGTTTTATGC
 TAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_182841
Insert Size: 750 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:	<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:	BC055321 , AAH55321
RefSeq Size:	3100 bp
RefSeq ORF:	750 bp
Locus ID:	231503
UniProt ID:	Q8C8S3
Cytogenetics:	5 E4
Gene Summary:	Component of a mechanosensitive cation channel. Confers mechanically activated (MA) currents with slow inactivation kinetics. May contribute to proprioception (PubMed:27321926).[UniProtKB/Swiss-Prot Function]