

Product datasheet for MC223572

Tmem132d (NM_172885) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem132d (NM_172885) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem132d
Synonyms:	C630028F04Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223572 representing NM_172885 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTGCCCATCTGAGATGGGACTCTGTGGTACCTCTGGTCTCCCGTGCTCATCAGCCTAGCTGCCCTTT
TCTCCAAAGTGACGGAAGGCCGAGGGATCCTGGAGAGCATTACAGCGTTTCTCACTACTGCCTACCTACCT
CCCGGTCACTACCATATCAACAATGCGGATGTCTCCTTCTTCTGAAGGAGGCCAACAGGACATCATG
CGCAACTCCAGCCTGCAGTCGCGGGTCGAGTCCTTCTGATCTACAAATCTAGGCGACTGCCGGTGCTCA
ACGCCAGCTACGGGCCCTTCTCACTCGAGCAGGTAGTGCCCAAGGATTTGATGTTGCCTTCCAACCCATT
TGGATTCACTAACACATTCTCCCTCAACTGGAGGCTGAAGGCCTACATCCTGCAGGAGAAAGTCTACCTG
AGCCATCCCAAAGTGACGGTGTCTTCCACATCGTGGGTCGAGACTGGGATGACCACAGGGACGAGAAGT
TGCCTTGCTGCGGGTCTTTGCGTTTCAGAGAGACTCGAGAGGTTTCGAGGCAGTCCCGTTTGGGTGGAGC
CCTGGGACTGTGCGTGGCCAGCTGGAGATGCTGCCGGCTGGTTCAGTCCACCATCAGTGGTATCTGGG
CGCAGGAGGCCACGGAGCAGCCAGAGGGGAATCCCGTGGAACTGTATTATGCTGTACGCCAGGGGATG
AGCGAGGCGACTGTGCCAAGGAGGATTCGAGGAAGAGCGGTGGTACTCCAGCAGGCCACAATGATGTTGA
TGAATCCAGTCCCTTTGTCATAGAATTGGGAGCGTCTTCTTCCGGGAGACCCCAAGCAGTCCACCTTTG
AAGGAACTGCGTTTGGATAGCAATGTGGCTGTTTATTATGTCCTAAGACTGTGCGGCAAGGAGATGTAC
TCACCTTCCCTATCTCTGTCTCCAGGAACTGCACGGAGGATCGCTTCACTGAGGGCCAAGGTTAAGAA
AGGAGTGAGCATTGTTGGGGTGAGAGCCAGCAGCTCTTCAATCTGGGATGTGAGACAGAGCACTGAGTAC
ACTGGGAAATATGCTCCGGCCGTCATCGTTTGTGAGAAGAAATCTGCTGGCTCCGAAAAGAGTGTGGCTG
ATGCTCCTATGAAGTCATGAAGATTGATATCGAGGTCGAAGCAGTACCCAGTACCCACCCACACAGCT
GGTCACGTGGCAGGTTGAATACCCAGGAGATCACCTGACCTGGGAGTGTCCAAGATCTATGTGAGC
CAAAGGACTTGATTGAAGTCATACCACTAGCCATGGAGGAGAGATCCTGAACACAGCCATCCTCACTG
GAAAGACGGTGGCTGTCCCTGTGAAGGTGATCTCTGTGGAGGAAGATGGCACAGTACAAGTCTTTTGGGA
CTCAGTGGAGTGCAGGTCATCTGACGAAGAGCTGGTTAAGGTTTCTGACAGATGTGACTATGCTTTGTG
AATGGGAAAGAAATGAAGGGCAAGGTGAACGTGGTAGTCAGTTCACCTACCAGCACCTGAGCAGCCCC



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TGGAGATGACAGTGTGGGTACCACGGCTACCTCTGCAGATTGAGGTCTCAGACATGGAGTTGAACCAGAT
 CAAGGGCTGGCGGGTCCCCATTGTCTCCAACAAAAGGCCAGCTCGGGACAGTGAGGAGGAAGATGATGAT
 GAGAAGAAGGGCCGAGGCTGCACCCTTCAGTACCAGCATGCCATGGTGCGAGTCTTGACCAATTTGTGG
 CTGAGGCGCCTGATCCCGGGGGACACCTGGCCTACCTGCTGGGCTCTGACTGGCAGGTGGACATCACGGA
 GCTGATAACTGACTTCATGCAGGTAGAGGAGCCCAGGATTGCTAAGCTGCAAGGAGGGCAGATCCTGACT
 GGCCAGGAGCTGGGCATGACCACTATTCAGATCCTGTCCCCTCTGTGGATGCCATCCTTGCCGAGAAGA
 CCATCACTGTACTGGATGAGAAGGTGACCATCACAGACCTCGGGTCCAGCTGGTAACAGGGCTCTCGCT
 ATCCCTGCAGCTCAGCCCCGGGAGCAACAGAGCCATCTTTGCCACTGCCATGGCTCAGGAACCTTCTGCAG
 AGGCCAAACAGGAAGCAGCCATCAGCTGCTGGGTGCAGTTCAGCGACGGCTCTGTACACCCTTGACATA
 TTTATGATGAGAAGGACTTCTCCCTGATGGCTACATCCTTGATGAGAAGGTTGTCTCCATCCTCCAGGA
 CCCCAAATTCAGTGGCCTATCATTGCTGCAGAAAACGAAGGACAGGGGGCCCTGGTCAAGGTTGAGATG
 CTCATCAGTGAATCTTGCCAGAAGTCTAAGCGGAAGAGCGTGTGGTGTGGGAACAGCCAGCATCAAGG
 TTAATTTGGACAGAATGATGCAAACCCCAACAGCAGTGAGAGTGGACACCTTGGGGCTGGGCTTCATGT
 AGAGAATATCAATGACAGGAGGTCCAAAAGCCTTTTCAGGAATGGGGAGCCCCGAGGGGCCATTCTAC
 AGCAGCTCATCCATGGGGCTCATGGAGGATGGGGCAGTACCACCAAGAGGCCAACTTTCCAGAAGAAGG
 AAGGCCAGGAAAACCTGTTAGATGACATCATCCTCTCAGACCATGGCCACAGACCTCACCAGCTTCCC
 AGACCAATGGACCTCCCGGGAGCAATGTGGGCACTGAGGAACATGACCTTGATCAGGCAGCCAAGGGG
 CTGAGTGACCTCGAAATTTGGCATGTATGCTCTGCTGGGTGCTTCTGCTGGCTATCTTGGTGTCTTAA
 TTAAGTGTGTGACTTTTGCCCTGAAGTACAGGCACAAGCAGGTTCCCTTTGAGGAGCAAGAAGGTCTGAG
 TCACTCTCAGGACTGGTGTGGCTGAGCAACCGGACAGAGCTGTTGGGGAACCATATGAACCTCGCCTCC
 TCCAAGAGGAGCAGATCACTGCCATTGACAGGGGTCTGGACTTTGAGGAGAGCAAACCTCTCAGCT
 CAAACTCTCAGAACAGCATCAATGGACAGATGTTTCAGGTCCACAGGAGCCATGCTCACAGACGACCAAGA
 ACAGAAAAGCGAACCCTACCTCCCCTACCTCCAAAAGGAAAAGAGTGACATTTCCACATTCTCGGCC
 ATCTCCTCAGACGATGGGTGTCCTTCTGGGAACACCATGGTGTGAGTAATGAGGATGACATTAAGTGGG
 TCTGCCAGGGCCTGGATCCTGGCGAGTGACAGAACCTCACAGTTGCATGGAGAGGTTACACGAGCACGT
 ATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_172885

Insert Size:

3294 bp

OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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.

RefSeq: [NM_172885.2](#), [NP_766473.1](#)

RefSeq Size: 4278 bp

RefSeq ORF: 3294 bp

Locus ID: 243274

UniProt ID: [Q76HP3](#)

Cytogenetics: 5 G1.2-G1.3

Gene Summary: May serve as a cell-surface marker for oligodendrocyte differentiation.[UniProtKB/Swiss-Prot Function]