OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC223458

Tmem132b (NM_001190352) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Tmem132b
Synonyms:	AK220418; mKIAA1786
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>MC223458 representing NM_001190352
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGGGCCCCGGCCGCGTCGCTCGGGCTGCTGCTGGCGCTGAGCGCGCTCCGCTGCGCAGAGAGCACAG
GTCGAGGCGCTGCAGACAGCCTGCAGAGGTTTTCTTCCCTGCCCGCCTATCTCCCAGCCGGCTTCCACGT
CACCGATGCAGAAGAGGCTTTCTTCCTCAAGGAGGCCAACCAGGACCTCATGCGCAATGCCAGCCTGCAG
GCCCGATCCGCCACACTCTTCATCCACCGAGCCCAGAGCCCTCCGGCCATCAATGCCAGCTACGGTCCCT
TCTCAGTAGAGAAGACGGTGCCCTGGGACTTCCTGCTCATGCCCACTCCTTTCGGAAATATGGAGAGGTT
CCCTTTCAACTGGAGGCTCAAATCCCATATCCTCGACAGCTCCATCTTTTCCAACAGACCTAAAGTGCAG
ACACTGTTCTATGTCACTGGCATGGGCTGGGATGAAAATGACCCTGGGGATGATCTTCCGTGTGTCAAGA
TGTTTGCCTTCCCAGAGGCCAGGGAGGTGGCAGCCAGCTGCCGGCTGCAGGGGGCTCCTGGGTTGTGCGT
GGCAGAGCTGGAGTTGTTGCCTGAGTGGTTCAGCTCAGGTCTGGACCTTGAACCTCAAGAGGAGATCCCA
GCATTGCTGGGTGGCACAGCCATGGAACTCTACTTTGCACTTTATCCAGCCAACGAGGCTGGCCAGTGCC
CACTGGAGGAGGAGGGCAAATGGGAAAACAATATCCACTCAGAACAGGAGGAGCCTCAGCCAGTGCTCCC
TGCTCGGGAAAGGATCGGCAGCGTGGTGGTCTACCCTACCCAGGATGACCTGCGGTGGTCCTTGGTGACC
CTCGATGACAATGTGGCCCTTTCGATCCCTCTGAACCTCATCCGAGAAGGGGACACGGCCACCTTTTTGG
TTTCTCTCACCAGTGGCTCCCTGGCAGAGAAGTTCACTCTTCGAATCAAGGCGGCTGCAGGTGTGAAGAT
AACGGCTGTGCGGGTGAGCCACGAGGACCAGTGGGCAGTGCAGGAGGAGATTGAGCAGGACGGTACCCAG
ACCACGGCTGTCCTGTCCTGCATGGGCCACCACCCGGACACCCAGAGCAGGGCAAACGGCTCCTTCTATG
AGATTCTGCAAGTGGACTTTGGAGTCGATAACAGCAGCAGCCTTGCTGGGGCCCAGCAAATCACCTGGCA
GGTAGAATATCCTGTGGAAGACTCCATGAGTGAGCTCTTCGTCTCTGAGATCTTCATCAGCCAGACGACC
TTTGTGGGCATTGTCCCTCTCACCATGGACACAGAAATTTTGAACACCGCCATTCTCACTGGGAAGCCCG
TCTCGGTTCCCGTCAAGGTCGTGGGGGTTCAAGAAGATGGATCTGTGGTGGATGTGTTGGAGTCTGTGGA
ATGCAGGTCTGCCGATGAAGATGTTGTGAAGGTCTCCAACACCTGTGATTCTATCTTTGTGAACGGGAAG
GAGATGAAGAGCAAAGTGGGCACGATTGTCAACTTCACCCACCAGCACTTCACTTCCCAGGTGGAGATCA

View online »

CTGTCTGGGTGCCCCGCCTGCCGTTGCAGATTGAGATCTCTGATACGGAGTTGAGCCAGATCAAGGGCTG
GAGGATCCCAGTGGCATCCAACAGGAGACCCACCCGGGAAAGTGATGACGAGGAGGATGAGGAGAAGAAG
GGGCGAGGGTGTACCCTGCAGTACCAGCATGCCCTGGTGCGTGTCCTCACTCAGTTTGTATCTGAGTCAC
CTGACCTGGGTCAGCTGACCTACATGCTGGGCCCTGATTGGCAGTTTGACATCACCAACCTGGTAACCGA
GTTTGTGAAGGTGGAGGAGCCAAAAATTGCCCAGTTACAGAATGGCAGGATCCTGGCAGGACGGGAGCCG
GGCATCACCACTGTGCAGGTCCTCTCGCCTCTCTCTGACTCCATCCTTGCAGAGAAGACGGTTATTGTCC
TCGATGACCGGGTCACCATCACAGAGCTGGGTGTACAACTGGTGGCTGGCCTGTCCCTTTCCCTGCAGCC
TCACAGGGCAGACAAAAGGGCCATCGTCTCCACGGTGGCTGCTCAGGACGTTCTCCAAGCCCCACAGCAG
GAAGCCATAGTCAGTTCTTGGATTTTGTTCAGTGATGGCGCTGTGACACCTTTAGATATTTACGATCTCA
AGGATTTCTCAGTGACCGTTTCCTCATTGGACGAGATGGTGGTGTCCGTCCAGCCAAACCTTCAGACCAG
ATGGCCAATCGTGGTTGCCGAGGGTGAAGGACAAGGGCCCCTGATCAAGCTGGAAATGTCCATCAGCGAG
TCTTGTCAGAAGAACAAGAGGAAGAGTACCCTTGCCGTGGGCAAAGGAAACGTCAAGGTGAGGTTTGAAC
CTGGGATGCACGAGCAGCAAGGAGGCAGCAATGACATCGGTGGCATAAACCGGGAGTACAAAGGCCATCT
CAGCAATTCCATAGAGCGCGAGGGAAGCCAGGAGCGAGCAGCCCAGGAGTGGTTCCAACACGGCACACCG
GTTGGCCACGAGGACAGGACCAACAAGAGCACAACCCCACAGTCTCCAATGGGAGGAAAACTCCTCAAAG
CGGGAGCAGATGCCTTCACCAGCTTCCCCACCCAAGGGAAGTTACCAGAATCCAGTAACCCCGGTGACCT
CACGATGACCTCCAGGGGGTTAACGGATTTGGAGATCGGAATGTACGCCCTGCTCTGTGTCTTCTGCTTG
GCCATCTTGGTCTTCCTGATCAACTGCGTGGCCTTTGCTTGGAAGTATAGGCACAAAAGGTTCGCGGTGA
GCGAGCAAGGCAACATCCCGCATTCTCACGACTGGGTGTGGCTCGGGAATGAGGTAGAGCTCCTGGAGAA
CCCTGTGGACATCACTCTCCCCTCGGAGGAGTGCACAACCATGATTGACAGGGGTCTGCAGTTCGAGGAG
AGGAACTTCCTGCTGAATGGCAGCTCCCAGAAGACTTTCCATAGTCAACTGCTTAGACCCCCTGACTATG
TGTATGAGAAAGAGCTGAAAAATGAACCTATGGGTTCCTCCGGCCCAAAGAGGAAGAGAGTCAAGTTTAC
TTCCTACACCACCATCCTCCCCGAGGATGGGGGCCCATACACCAACTCTATCCTGTTTGACAGTGATGAC
AGCATCAAGTGGGTCTGCCAGGATATGGGGCTGGGGGACTCGCAGGACTTCAGAGACTACATGGAAAGAC
TACAGGACCAGATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001190352

Insert Size: 3237 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:	NM_001190352.1, NP_001177281.1
RefSeq Size:	7964 bp
RefSeq ORF:	3237 bp
Locus ID:	208151
Cytogenetics:	5 G1.1