

Product datasheet for **MC201233**

Tmem176b (NM_023056) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem176b (NM_023056) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmem176b
Synonyms: 1810009M01Rik; Clast1; Lr8
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019539 sequence for NM_023056
 GAAAGATGGTCCAGAGCACAGTGTGAATGGAGTCAAAGTGGCCTCCACACATCCCCAGTCCGCTCA
 CATCAGCATCCACATCCACCAAAAATCTGCTTTGGAGCAGCTGCTGGGAGCTGTGGGCTCCCTGAAGAAG
 TTTCTCTCCTGGCCTCAGGCCAGAATCCACTATGGGCAGCTGTCTCTAGGGGTGACCCAGATATTGCTGG
 GGCTTGTGAGCTGTGCTCTTGGAGTATGTCTCTACTTCGGGCCTTGGACTGAGCTGTGCGCCTTTGGCTG
 TGCTTTCTGGTCGGGGTCTGTGGCAATTCTAGCTGGAGTTGGTACTATTGTCCATGAGAAGAGGCAGGGA
 AAAGTGTCCGGCCAGGTATCATGTCTCCTCCTCCTGGCTTGCAATGCCACAGCTGCAGCTGTACCGTTC
 TGGGTGTGAACAGCTTAATCAGGCAAACAGTGTCCCTACTACGTCGAGATCTTTCCACATGCAACCC
 CTTGCAATCAAGCATGGACCCTGGGTATGGGACAGTGCATACAGTGATGATTGAGACTGGAAGACAGAG
 AGGTGCAGAGAGTACCTGAACATGATGATGAACCTGTTCTCCTAGCGTTCTGCATCATGCTCACAGTGGTCT
 GTATCCTGGAGATTGTTGTGTCTGTGGCTTCCCTGGGACTAAGTCTCCGAAGTATGTATGGCCGGAGCTC
 CCAGGCCCTGAATGAAGAAGAGTCAGAGAGGAAGCTTCTTGATGGGCATCCAGCACCTGCGTCCCGGCC
 AAAGAGAAGATCCCTGCTATCCTGTGATCCGCCACACCCACGTGTCCCTGTCCATAGTAATCCAGGGAG
 GACGCGACTGTTCCAGGGCCTCTTCTGGCCCCGAGCACACACTACTTCTGATGTAGCCACTATTTCAG
 CCCTCTTCTCTCCTCTCTCCCACTGTCTCAGCCAATGTCTTTCTTCCACGAACAGATATTATGT
 CATTTTATCCAATGCCGATAAAGGAGAAACAACCTGAAAAATAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_023056

Insert Size: 792 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).



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| 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: | <u>BC019539</u> , <u>AAH19539</u> |
| RefSeq Size: | 1036 bp |
| RefSeq ORF: | 792 bp |
| Locus ID: | 65963 |
| UniProt ID: | <u>Q9R1Q6</u> |
| Cytogenetics: | 6 23.75 cM |
| Gene Summary: | <p>May play a role in the process of maturation of dendritic cells (By similarity). Required for the development of cerebellar granule cells.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1 through 6 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p> |