

Product datasheet for **RN205337**

Tmem176b (NM_134390) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem176b (NM_134390) Rat Untagged Clone
Tag: Tag Free
Symbol: Tmem176b
Synonyms: Lr8; Torid
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205337 representing NM_134390
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCCAAGCCACAGTACTGTGGATGGAGTCAAAGTGACTTCCACACGCCCTCAGTCTGCCAGATCA
GCATCCACATCCACCACAAATCAGCCTTGGAGCAGCTGCTGGGAGCTATGGCTCCCTGAAGAAGTTTCT
CTCCTACCCTCAGGCCAGAATCCACTATGGGCAGCTGTCTCTAGGGGTGACCCAGATATTGCTGGGGCTT
GTGAGCTGTGTTCTTGGAGTGTGTCTCTACTTCGGGCCTTGGACAGAGCTGTGTGCCTCTGGTTGTGCCT
TCTGGTCAGGGTCTGTGGCAATTTGGCTGGAGTGGGTATCGTCATCCATGAGATGGGACAGGAAAAC
GTCCGGCCACATATCACGGCTGCTCCTCCTGGCTTGTCTGCTACAGCTGCAGCTGCTACCGTTATGGGT
GTGAAAAGCCTCATCTGGCAAACAGTGCTTCTACTACTTCGAGATCAGTTCACATGTGACTCCTTAC
AACCAAGCATTGTCGATAGGTTTCGGTCAGTGCATTCACTGACGACTCAGACTGGAGGACAGAGAGGTG
CAGAGAGTACCTGAGAATGATGATGAACCTGTTCTGGCATTCTGCATCCTGTTACGGTTATCTGTATC
CTGAAGATTGTTGTCTGTGGCTTCCCTGGGACTAAGTCTCCGGAGTATGTGTGGCCGGAACCCAGG
TCTTGAATGATGAAGAGACAGAGAAGCTTCTTGGGGGGATTCCGGCACCGCCCTCCCGACCAAAGA
GAAGATTCTGTTACCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_134390
Insert Size: 792 bp



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| 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: | NM_134390.3 , NP_599217.1 |
| RefSeq Size: | 1683 bp |
| RefSeq ORF: | 792 bp |
| Locus ID: | 171411 |
| UniProt ID: | Q925D4 |
| Cytogenetics: | 4q24 |
| Gene Summary: | Required for the development of cerebellar granule cells (By similarity). May play a role in the process of maturation of dendritic cells.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. All seven variants 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. |