

Product datasheet for RN213337

Tmem86b (NM_001109604) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Tmem86b (NM_001109604) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Tmem86b
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN213337 representing NM_001109604

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATGCTAGAAAAGAGGGACTGTCCCTGGAGATACTCTTTTCAGACCAATATCCACAGGTCCGCAGGT
 GGCTGGCCCCCTTCATCGTTGCCTGCTCCCTCTACTTCCCTCTGGATTCTGAGGACCAGCCATCTTG
 GGTCAGTGCCCTGGTCAAGTGCCAGCCATTCTCTGCCTGGTTTTGTTCCCTGTGGGCTGTGGCTCCTGGT
 GGGAGCTACACCTGGCTCCTGCAGGGAGCTTTACATGTTCTGCTGTTGGAGATGCCTGCCTCATCTGGC
 CTGAAGCTTTCTTTATGGCATGGCAGTCTTCTCTGTTGCCACTTACTCTACCTCTGGCTTTTGGCCT
 GTCTCCACTGCAGCCTGGATTGCTGCTGTGCACCACCTTGGCCTCTCTGACATACTACAGCTTCCCTCCTG
 CTACACCTTGAGCCGAACATGGTCTTGCCAGTGGCAGCCTATGGGCTGATCTTGAACACCATGCTGTGGC
 GTGGCCTTGCTTGGGTAGGAGTGTGGCTGGGTGCCGTGCTCTTTATATTCTCAGATGGTGTGCTGGC
 CTGGGACACTTTTGTCTACACTTTACCTTTTGCCCGCCTAGTGACCATGAGCACCTACTATGCAGCCAG
 CTCTCTCACCTGTACGCCCTCAGGAGCCAGGGCTCAAACCCACT**TAA**

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001109604
 Insert Size: 681 bp



[View online »](#)

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:	<u>NM_001109604.1</u> , <u>NP_001103074.1</u>
RefSeq Size:	1123 bp
RefSeq ORF:	681 bp
Locus ID:	690610
Cytogenetics:	1q12
Gene Summary:	Enzyme catalyzing the degradation of lysoplasmalogen. Lysoplasmalogens are formed by the hydrolysis of the abundant membrane glycerophospholipids plasmalogens. May control the respective levels of plasmalogens and lysoplasmalogens in cells and modulate cell membrane properties.[UniProtKB/Swiss-Prot Function]