

Product datasheet for RN211623

Tmem126b (NM_001106280) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem126b (NM_001106280) Rat Untagged Clone
Tag: Tag Free
Symbol: Tmem126b
Synonyms: RGD1308371
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211623 representing NM_001106280
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGTCCGAGCGACCAACTGGGTCTGAATCGGGGGATGCTGGTGTGGTCTGGAGGAAATAGGGAAG
CATCCCAGGACATCAAGATGGCACTTTACAAGCATGGTCGGCTGATCCCTCTCTAGGAGAAGCGAAGTT
CGGAAGACCAATGATCGCTGAAATCTTAGAGAAGAAGTTTGAGTCTTATAGAAACGACCAGACTTTAAAT
ATACGTGGAACCTTATTCTTTGGAGTAAGTAGTGTGCTGGCGTTATGGCAAACCTAGTATTACAGT
ACAGTTTCAAGGTTAAGTATGAAGCTTTGAGGACCTATGCATCCCTGACTACCCTTCCATTTGTGGCTAC
CGCCGTTACTTACAAGCTCTTTGTGACTGATGCTCTGCAATCAGGTAATATAAGCCAGGAAAGCTGTGTT
CTGAGAAGCTCACTGATCGCGTAGCCTGTGGGTCTCCTATCCCAGTGCTTTGGCTTTTATAAAAATG
GACGCTTAGCAGTTAAGTATCACACTGTTCCAGTGCCGCCAAAGGGAAGAGTTATGCTCCATTGGTTACT
CCTTTGTCAAACCTGGGATGAAAGCAATGGCCGTTCCCTGTGTTGTTTCAGATAAATTTGGAGTGTTTAAT
GGCTTATATCACTATGCTGTATGTGAAAAAGCATATGCAAGAATTGTGCCTGATGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106280
Insert Size: 690 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:	<u>NM_001106280.2</u> , <u>NP_001099750.2</u>
RefSeq Size:	870 bp
RefSeq ORF:	690 bp
Locus ID:	293114
UniProt ID:	<u>B2RZD2</u>
Cytogenetics:	1q32
Gene Summary:	Chaperone protein involved in the assembly of the mitochondrial NADH:ubiquinone oxidoreductase complex (complex I). Participates in constructing the membrane arm of complex I (By similarity).[UniProtKB/Swiss-Prot Function]