

Product datasheet for RN212507

Tmem165 (NM_001024802) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem165 (NM_001024802) Rat Untagged Clone
Tag: Tag Free
Symbol: Tmem165
Synonyms: Tparl
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN212507 representing NM_001024802
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCCCTCGGCCCGGGGAGCGGCCGGCGCCGACGCGACGGCTGCTCGTGTCTTGTCTGCTCCGT
 TGCTCTGGGCCCGGCTGGGGTCCGCGCTGGCCCCGAGGAAGACCTGAGCCACCGGAACCAGGAGCCGCC
 GGCGCCCCCAGCAGCTGCAGCCGAGCCCGCGCAGTACAGGGCCTCGAGCCGGCCCGGGCCGAGAAA
 GGATTTACACCGCCGCCCCAGTTCATACCAACAGAGAAGATGCAGCTACCCAGGCAAATCTGGGATTTA
 TCCATGCGTTTGTGCTGCCATATCAGTCATCATAGTGTCCGAACCTCGGCGACAAGACATTTTTCATAGC
 TGCCATCATGGCGATGCGCTATAACCGGCTGACTGTGCTGGCTGGCGCCATGCTTGTGCTTGGCCTTGATG
 ACGTGCTTGTGCGTTTTGTTGGCTATGCCACCACAGTCATCCCCAGGGTGTACACATACTATGTCTCAA
 CTGCACTCTTTGCCATTTTGGCATTAGAATGCTTCGGGAAGGTTTGAAGATGAGCCCAGACGAGGGTCA
 GGAGGAGCTCGAAGAAGTCAAGCAGAGTTGAAGAAGAAAGATGAAGAATTCCAACGAACCAAACTCTTA
 AACGGCCAGATGTTGAAACTGGTACAAGCACAGCAATACCTCAGAAAAAGTGGTTACACTTTATTTAC
 CCATTTTGTCCAAGCACTCACGTTAACATTCTTGGCGGAATGGGGTGTGCTCTCAACTCACTACCAT
 TGTTCTGGCAGCCAGAGAGGATCCCTATGGTGTGGCAGTGGGTGGCACAGTGGGACACTGCCTGTGCACA
 GGATTGGCAGTAATTGGAGGAAGGATGATAGCACAAAAGATCTCTGTGCAACTGTGACGATCATCGGAG
 GCATCGTGTCTTGGCATTGCAATTTCTGCTCTGTTTATAAGTCCAGAGTCTGGTTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001024802



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Insert Size:	972 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:	<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_001024802.1</u> , <u>NP_001019973.1</u>
RefSeq Size:	1897 bp
RefSeq ORF:	972 bp
Locus ID:	364137
UniProt ID:	<u>Q4V899</u>
Cytogenetics:	14p11
Gene Summary:	May function as a calcium/proton transporter involved in calcium and in lysosomal pH homeostasis. Therefore, it may play an indirect role in protein glycosylation (By similarity). [UniProtKB/Swiss-Prot Function]