

Product datasheet for RN214165

Tmem27 (NM_020976) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Tmem27 (NM_020976) Rat Untagged Clone

Tag: Tag Free

Symbol: Tmem27

Synonyms: collectrin; NX-17; Nx17

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN214165 representing NM_020976
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGCTGTGGGCACTCTTTTCTGGTGACTACTATTACGCTGAACTCTGCCGTCCAGATGCAGAAAATG
 CCTTTAAAGTAAGACTTAGCATCAAAGCAGCTCTTGGAGATAAAGCGTATGTCTGGGACACAGATGAAGA
 ATATCTCTTCAGAGCAATGGTGGCATTCTCCATGAGAAAAGTTCCCAACAGAGAAGGAACAGAAATTTCC
 CACGTCCTGCTTTGCAATGTAACCCAGAGAGTGTCATTTTGGTTTGTGGTCACAGACCCTTTGAAAAACC
 ATACTTTTCTGCAGTTGAAGTACAGTCAGCCATAAGAATGAACAGGAAACGGATCAACAGTGCATTCTT
 TTTGGATGATCACTCTGGAATTTTTAAAAATTCCTTCCACTCTTGCTCCCCGATGGATCCATCTGTG
 CCCGTCTGGATTATTGTATTTGGTGTGATATTTGCATTGTTACAGTTGCAATTGCACTACTGGTTTTAT
 CCGGAATCCGGCAACGAAGAAGGAACAAGAAAGGACCCTGGAGTGGAGGATGCAGAAGACAAGTGTGA
 AAACATCATCACAATTGAAAATGGCATCCCTTGTGATCCCTTGGACATGAAGAGAGGGCACATTAATGAT
 GGCTTCTTGACAGAGGATGAGCGTCTACCCCTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_020976

Insert Size: 669 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:	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_020976.1</u> , <u>NP_066125.1</u>
RefSeq Size:	1181 bp
RefSeq ORF:	669 bp
Locus ID:	57395
UniProt ID:	<u>Q9ESG3</u>
Cytogenetics:	Xq14
Gene Summary:	collecting duct-specific transmembrane glycoprotein [RGD, Feb 2006]