

Product datasheet for **RR207422**

Tmem160 (NM_001106227) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem160 (NM_001106227) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tmem160
Synonyms: RGD1564549
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR207422 representing NM_001106227
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGAGGCGGCTGGTGGTGGGCTCGGGTCGCGCGCCTTGCCCGCTGCGCTTCCGGGGTCTCTGCAGC
CGCTTCAGCGGCCCGCAGCGGGGTGCACGGGTCTTCGCCCGGCCACGGTCCACGCGCAGGAGC
CTCGCCGCCCGGTGTCGAGCTGGATCGAGCGGACGCTTGGCTCCTCCGAAGGCACATGAGACAGCT
TTTCTCTCTGGTCCGAAATGGACTTCTGGCATCAGGCATTGGGGTCATCTCTTCATGCAGAGTGACA
TGGGCCGGAAGCTGCCTATGGCTTCTCTGCTGGGTGGCCTATGCGTGGTGTGGGCGGAGCCTCGTA
TGCGGTGGTCTGGCAGCACTGCGGGACCCATGCAACTGTCGCTTGGTGGTGTGCCGCTGGTGTAGGG
GCAGTGTGGCTGCCAGTCTGCTCTGGGCTTGGCAGTAGGTCTCTACATGGGCCAGTTGAACTGGACG
TGGAAATGGTGCCTGAGGATGATGGGCGAGCCAGTACGGAAGGCCAGATGAAGCGGGCCGGCCACCCCC
CGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR207422 representing NM_001106227
Red=Cloning site Green=Tags(s)

MGGGWWWARVARLARLFRGSLQPLQRPRSGGARGSFAPGHGPRAGASPPPVSELDRAWLLRKAHETA
FLSWFRNGLLASGIGVISFMQSDMGREAAYGFFLLGGLCVVWGGASYAVGLAALRGPMQLSLAGAAAGVG
AVLAASLLWACAVGLYMGQLELDVELVPEDDGAASTEGRPPPE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001106227

ORF Size: 564 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001106227.1](#), [NP_001099697.1](#)

RefSeq Size: 819 bp

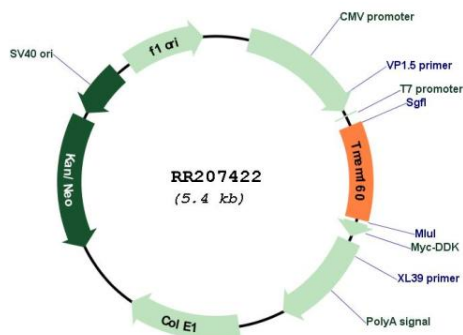
RefSeq ORF: 567 bp

Locus ID: 292654

Cytogenetics: 1q21

MW: 19.6 kDa

Product images:



Circular map for RR207422