

Product datasheet for MR212248

Tmem191c (NM_177473) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem191c (NM_177473) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tmem191c
Synonyms: 4933405M22Rik; D16Bwg1494e; MNCb-4137
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR212248 representing NM_177473
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTGAGCCGAGGAGCAGCTGCTGCAGCTGCAGAAGGACAACCGAGATGGCCGCTGCGGAAGCAGG
AGCTAGAAGAGCTGGTGCGTGGGCTGGAAGCCGAGAGCGAGAGCCTCACCGGGCGCCTGGAGGAGCTGCC
GGAGCGCGAGCGCAGCCTGCAGCGGAGACGAAGTCAAGCATCACGAGCCATTCGAGGCGAGGCATGTGAG
GCGGCACGGGAGCGTGGGAGCGGGCTCGTGGGCTGCTGGAGGCGCGGAGCAGCACCGGCAGGACCTGG
AGCAACACAATCGGAAGCTGCAGGAACAGTGGGAGGAACTGTCCAGTCAGCTTTTCTACTATGGAGGGGA
GCAGCTAAGTCAACAGCGAGCGGAGCAGCAACTAGGGAACCAGCTTGTGGCGCTGCAGAAACATCTGGAG
CTGGCGGAGGCCAAATTCAGCATGCAGGAGAGGACCTGCGGCAGGGTGCAGCAGCGGACAGAAGAGGCT
GGGCCAGCTTCCAGGAGCAGAGTGGAGTCTGCAGGAGCTGCAGGGGAAAGTGTGGAGGAGCAGCAGCTGC
GCTGGAGGCTACGCGCGGTGGCTCGGAACCGTGGAACTCAGAGCCTCGTCCGGTGCAGGACTGCGCGGGC
TCACTCATGGAGGAGGTGGCCAGGGTACTGCGAAAAGCGACTGTTCCGGTGTACAGGCGCGGGAAGCC
TCAGGCTGTGGGCGCTGAGCGCACTGCAGACGTTGCTGCTGCTCCGCTGGGTTTCTGGTGTGCCGCT
GATTTACGTGGTGTGGCGAAGCCTGACGCCGTTGGCCCGGGGCTCCAGAGTCTCGGCTCTGACGCGGTC
TTCCGCGGCTGCGCTACACGCTGTCGCTTTACTTGAGCTGCGTGCAGCGGATTGCTGCCTGCC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR212248 representing NM_177473
Red=Cloning site Green=Tags(s)

MTEPQEQLLQLQKDNRDGRLRKQLEELVRGLEAESESLTGRLEELRERERSLQRRRSQASRAIRGEACE
 AARERAERARGLLEAAEQHRQDLEQHNRLQEQWEELSSQLFYGGGEQLSQQRAEQQLGNQLVALQKHLE
 LAEAKFSMQAEDLRQGAQRTEEAWASFQEQSGVLQELQGVMEAAAALEATRGGSEPWNSEPRPVQDCAG
 SLMEEVARADCEKRLFGGTGAGSLRLWALSALQTLPLPLIYVVLAKPDAVGPGLQSLGSDAV
 FRRLRYTLPLELRARGLLPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1413_f05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_177473

ORF Size: 906 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_177473.3](#), [NP_803424.2](#)

RefSeq Size: 1463 bp

RefSeq ORF: 909 bp

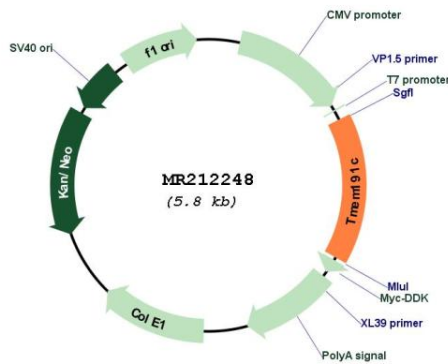
Locus ID: 224019

UniProt ID: [Q9JJB1](#)

Cytogenetics: 16 10.71 cM

MW: 34.4 kDa

Product images:



Circular map for MR212248