

Product datasheet for MR228315

Tmem196 (NM_001294154) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem196 (NM_001294154) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tmem196
Synonyms: Gm528
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR228315 representing NM_001294154
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTGCACCAGCGGCCAGATCATTGGGAGCCTTTTGGTGCTCTCTGTGCTGGAGATAGGGCTGGGGGTGT
 CCAGCGTGGCCGTGGGGCGGTGAGCTTCAGCCTGGCTCTCCGAGAGCACACGCCGAGCTCGGAGACTC
 GTCCCCGTTTCTTCTATGTGGCATATGTGAATACTGTGCGCCAAAAAAGTCAGGACTTGTATGATC
 CTCTTTTCAGCGTGTATCTGTGGACTCATTGGAGGCATCCTGAATTTTCAGTTTCTTCGGGCAGTCA
 CAAAAAGACCTCCTCCCTGTACCACTGCATCTCGTTCCATGTCTTTGGCATGTATCGGCATTGGGGG
 CTGCACTGTCTCCTCTTGGCTCACTTGTCTAGCCAGCTATGAGCAAAGGAGGATGTTCTCAGAAAGG
 GAACATTCCCTGCATCACTCTCATGAAATGGCTGAGAAAAGATTAGGGCTATTGAAATAACCGACTTGC
 CCAGCTGCCCCGGTGGTGCCCCGACACCAGAGTTACCTACAAGGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

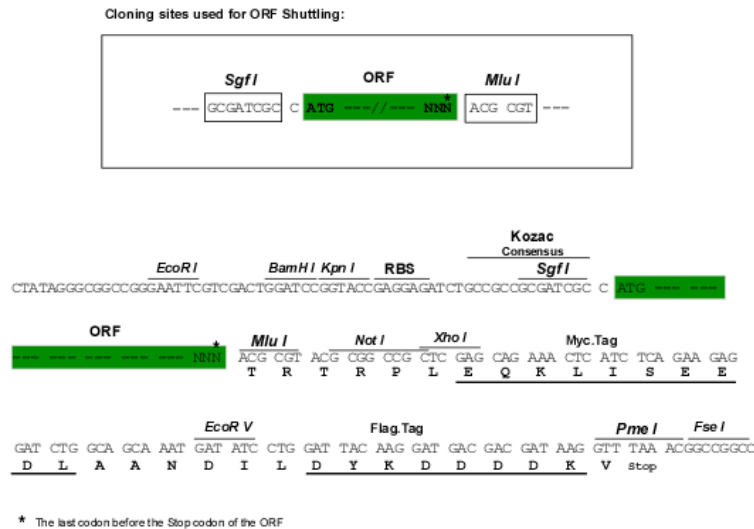
Protein Sequence: >MR228315 representing NM_001294154
 Red=Cloning site Green=Tags(s)

MCTSGQIIGSLLVLSVLEIGLVSSVAVGAVSFLALREHTPQLGDSSPFLLCGICGILCAKKKSGLVMI
 LFSACCICGLIGGILNFQFLRAVTKTSSLYPLHLASMLACIGIGGCTVSSWLTCLASYEQRMMFSER
 EHSLHSHHEMAEKRLRAIEITDLPSCPVPPTPELPTRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: NM_001294154

ORF Size: 537 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001294154.2](#)

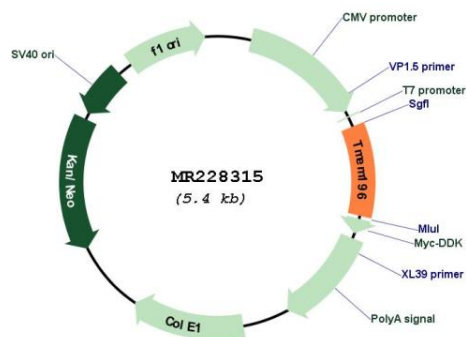
RefSeq Size: 3781 bp

RefSeq ORF: 540 bp

Locus ID: 217951

Cytogenetics: 12 F2
MW: 19.6 kDa

Product images:



Circular map for MR228315