

Product datasheet for MR202244

Tmem116 (NM_001161626) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem116 (NM_001161626) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tmem116
Synonyms: 4930406A18Rik; 4930513P12Rik; C030022K24Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR202244 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGCCTGTGTTCTTTGGGCAATGTCAATGAATGTTCCACAACCTCAGTGAGAGCCACAGGTGTA
TCCTAATGCACTACCGCCATCAGCCACGCCTGAGCCCTGCCTTCCACCAATACATCTGTCTGCAGCAC
ACTCTATTTTTATGGTGCACCATTTTCTGGCCAGCTTTTCTTCAGCTTCTCACCATCATGGTCTTA
CTCGTCCATGCCAGATGTTATATAAGAAGTTTGTGAAGTCGACGGCCCTTCTGGAGAGTGAGCAGTGGG
CAGTGATTCACACTGTGGCCAGCGAGTGCCTTCTCCAGTGGCCTTTGTGTGCTGCTGGGGTCCAGC
TGTACCCTGCTGATCATGAAGCTGACAGAGCCTCAGGAGACCTTCTGCACATGGCCCTCTCTGTGCTC
CAGGCTCTCACAGCAGCATCCCAGGGGCTGCTCAACTGTGGCATTATGGCTGGACACAGTGCAAGTTCC
AGCAGATAAAGCGTGAGCCTCACCGTGACGCAGACACGCAGACCCCACTGCTGTGCTCACAGAAGAGAAT
TTATAGTAGAAGCCAAACCTACTGGAGTCTCTTGCCTTGCTTCCAGCTCTCCACCGTTCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR202244 protein sequence
 Red=Cloning site Green=Tags(s)

MTPVFL LGNVNECFHNFSESHRCILMHSPPSATPEPLPSTNTSVCSTLYFYGVTFIFLASFFF SFLTIMVL
LVHAQMLYKKFVKSTGLLESEQWAVIHTVGQRVRFPPVAFVCCWGPVAVTLLIMKLTEPQETFLHMA SVL
QALTAASQGLLNCGIYGTQCKFQQIKREPHRDADTQTPLLC SQKRIYSRSPNLL ESPLALASSSSTVL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001161626

ORF Size: 630 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 Size: 1259 bp

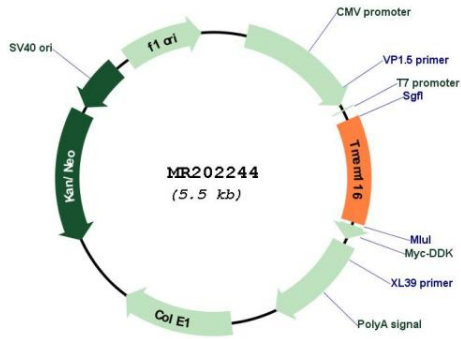
RefSeq ORF: 990 bp

Locus ID: 77462

Cytogenetics: 5 F

MW: 23.4 kDa

Product images:



Circular map for MR202244