

Product datasheet for MR205170

Tmem44 (BC080307) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Tmem44 (BC080307) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Tmem44
 Synonyms: 1700007N03Rik; 9330161C17Rik; B230220N21
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >MR205170 representing BC080307
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAACTCATGTTCACTCTCTTTCTGTCTGTGGATCCAAATCCAAGTCCAAGTCCGGTCAGAGCAGCA
 GGGAGAGGAGAAGAAGGCATCTGAGAGCCAGTGTTCGCCTGGCTCTGCCTCTGAGCCTGGGTCCAGG
 CTGGGCAATCTGGACCGCTATCCCAAGGCTCCAGCCCCAGTCCGTGGGCCACAACGGAGGCTCCTGGGA
 AGCCTTCTGCAGGAAAACCCGGAAGTCTTCGGCTACCTGCTGGGTGCTATTGCTGCCTTTGGCTCCTGGG
 CATCCCGGATCCCTCCATTCTCCAATATCTGTCGGGGCAAGTCACTCTCCTATATCCACCTGTGGACCCG
 GTTCTGTGAGCTCTGGCTGGTCTCCTCTACGCCTCGGCCATCGTGGCTCATGACCGGCAGCCTGAATAC
 CTCCTTCAGGCCACACCTGGTTCTGATTTCACTGGGCCGAGCTGCGCTGGACCTTGCTATCATCTTTC
 TGTCTGCGTGATAAAGAGCAGGATGAGCCGAGCCTTCAGATTTGCTACAGCTGAAGCCAGAGAGAGTGC
 CGACACACAAGCCCTTTTGACCTGTGCAGAGAAGGAAGAAAGAAAACCAGGAGGCCAGGACGGAGGACAAG
 AACTCAGACTGGGTGCCTCTGACCAGCCTGTCACTGCAAGCCCTGAGGACAATGACAGCCATCAGTC
 GCTACATGGAGCTGACCATTGAGCCTGCCAGCAGGCTGTAGCGCCACCAGGCTGCCGGTGACGG
 GCAGACAAGCACCAGAGACGCCGCTCGCAAGAGCCTCCCTCATACCCTCCCATCCAGGTATCCAGGCC
 AGAGTGTCTTCCAGCAGCTCCTCCGAGGCTCCTCCATCAACTCGGACCTGGAGCAGAAGTATTGGGAAG
 CCCTAAACTCGGAGCAGTGGGACCTGAAGATGTCAACCTTAAAAGGAAAAAGGACGGGAACTCCTTAG
 AGTGCAGGTGCGCAGGGCCTCTTTGAGCCCCGTGGATTTGGCCTCTGATGAC

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 ACAAGGATGACGACGATAAGGTTTAA



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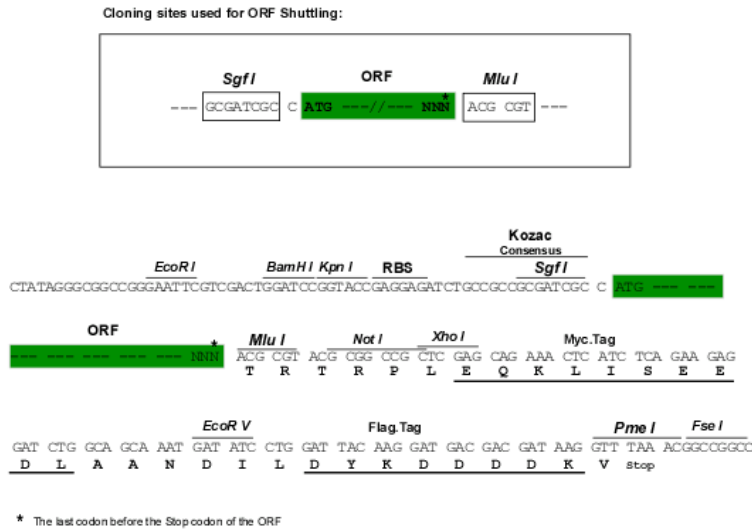
Protein Sequence: >MR205170 representing BC080307
 Red=Cloning site Green=Tags(s)

MNMFMTLFPVCGSKSKSKSGQSSRERRRRHLRASVFALALPLSLGPGWAIWTAIPKAPAPVRGPPQRRLLG
 SLLQENPEVFGYLLGAIAAFWSWRIPPFSNICRGKLSYIHLWTRFLSALAGLLYASAIVAHDRQPEY
 LLQATPWFLISLGRAALDLAIIIFLSCVIKSRMSRAFRFATAEARESADTQALLTCAEKEEENQEARTEDK
 NSDWVPLTSLSHCKPLRTMTAISRYMELTIEPAQQAGCSATRLPGDGQTSTRDAASQEPSPYPIQVIQA
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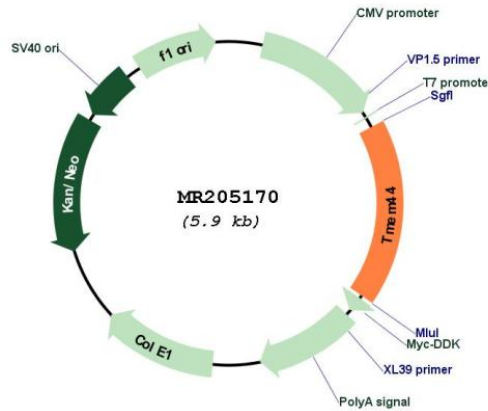
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC080307

ORF Size: 1032 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:	<ol style="list-style-type: none">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:	BC080307
RefSeq Size:	4192 bp
RefSeq ORF:	1034 bp
Locus ID:	224090
Cytogenetics:	16 B2
MW:	153.7 kDa