

## Product datasheet for MR202366

### Tmem267 (NM\_001039244) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem267 (NM_001039244) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tmem267
Synonyms:	EG633640; Gm7120
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202366 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCATCCAAAGTTGAAAAGACTCATGCTTTACCACCGTGCTGTAGCACAGAATCCCTCATTTCCAGCA  
TCGGTCTGGGGATCTTCTGCCTAGTAGCCGACAGACTTCTCGGTTTCCCATAATTCAGCACAATGACTG  
GCTTCGCGCCATCTCAGATAACATAGTACACGGAGTGATCGGCATGTGGTCGTGGCAGTAGTCACTGGA  
ATCAGGAAGAAGTCGGACTTTGGAGAAGTCTTTTAGCGGGATTTTAGCGTCTGTTATCGATGTCGACC  
ATTTTTTCAAGCTAGATCCCTATCTTTACAGGCCGCTTTGACTCTTCCGGAAGACCTTTCCTTCACTG  
CTCCACTGTGATACCCATCGCGTCCTGAGTGTGAAGCTCGCCGTGCACTTGTTCAAGCTCAGGGACTCG  
TGGCGTTTTCTCCGTTGGATGATACTCGTTTCTGGACCTCACACCACATCCGCGATGGAATCCGTCACG  
GCCTGTGGATATGCCCGTTGGAAAACTCCTCCTTTGCCCTCCTCGTTTTATGTAATAAGCACATTGTC  
CCTGCCACCTGTGCTCATTCTGATGTATTTAACAGGGACCAGACAAACGGTGTCTTCCAATACGGA  
ATGCGCATTGATGTC

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR202366 protein sequence  
 Red=Cloning site Green=Tags(s)

MASKVEKTHALPPCCSTESLISSIGLGIFCLVADRLRFPIIQHNDWLR AISDNIVHGVIGMWSWAVVTG  
 IRKKSDFGEVLLAGFLASVIDVDHFFQARSLSLQAALTLPRRPFLHCSTVIPIAVLSVKLAVHLFKLRDS  
 WRFLPWMILVSWTSHHIRDGIRHGLWICPFKGTPLPSSFYVISTLSLPHLCSFLMYLTGTRQTVSSKYG  
 MRIDV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001039244

**ORF Size:** 648 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\\_001039244.4](#)

**RefSeq Size:** 1829 bp

**RefSeq ORF:** 717 bp

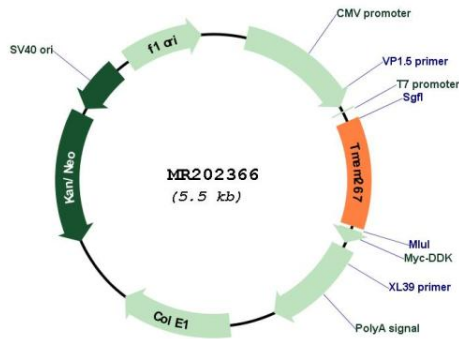
**Locus ID:** 633640

**UniProt ID:** [Q8VDR5](#)

**Cytogenetics:** 13 D2.3

**MW:** 24.2 kDa

**Product images:**



Circular map for MR202366