

## Product datasheet for MR200966

### Tomm20 (NM\_024214) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tomm20 (NM\_024214) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Tomm20  
**Synonyms:** 1810060K07Rik; BB284719; Gm19268; MAS20; mKIAA0016; MOM19; TOM20  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR200966 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGGTGGGCCGGAACAGCGCCATCGCCGCGGGCGTGTGCGGTGCCCTTTCATCGGGTACTGCATCTACT  
TCGACCGCAAAGGCGGAGTGACCCCAACTTCAAGAACAGGCTTCGAGAACGAAGAAGAAACAGAAGCT  
TGCTAAGGAGAGAGCTGGGCTTCCAAGTTACCTGATTTAAAAGATGCTGAAGCAGTTTCAGAAATCTTC  
CTTGAAGAGATACAGCTTGGTGAAGAGTTACTAGCACAAAGGTGACTACGAGAAGGGTGTGGACCACCTGA  
CAAATGCCATTGCTGTGTGTGGACAGCCTCAGCAGCTGCTGCAAGTGTTACAGCAGACTTTCGCCACC  
AGTGTTCCAGATGCTTCTGACCAAGCTCCGACCATTAGTCAGAGAATTGTAAGTGCTCAGAGCTTGGCT  
GAAGATGATGTGGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR200966 protein sequence  
 Red=Cloning site Green=Tags(s)  
 MVGRNSAIAAGVCGALFIGYCIYFDRKRRSDPNFKNRLRERRKKQLAKERAGLSKLPDLKDAEAVQKFF  
 LEEIQLGEELLAQGDYEKGVVDHLTNAIAVCGQPQQLLQVLQQLPPPVFQMLLTKLPTISQRIVSAQSLA  
 EDDVE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



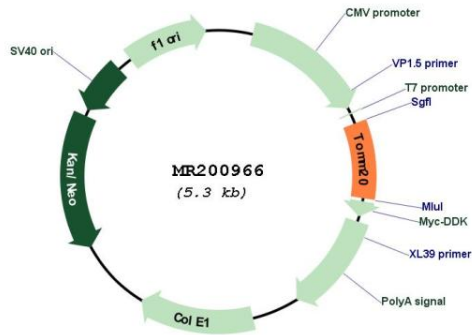


**Cytogenetics:** 8 E2

**MW:** 16.3 kDa

**Gene Summary:** Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with TOM22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the TOM40 translocation pore (By similarity). Required for the translocation across the mitochondrial outer membrane of cytochrome P450 monooxygenases.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR200966