

## Product datasheet for MR216839

### Tomm20l (NM\_029227) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tomm20l (NM\_029227) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Tomm20l  
**Synonyms:** 4930553D19Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR216839 representing NM\_029227  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCCAGCGTCCGTCTTGCGTCGGTCTCCTGGCGGGCTTGGCAGCGGGCGGCGGGTCTCCTACTCA  
GCTACTGCGTCTACCTGGACTGGAGGCGGCACCGAGACCCCGCATTCCGCCGCCGCTGCAGGACAAGAG  
AAGAGCTGGACAGCCCAAGGCCAGGCGCCGCCAGGCAGTTATGGGATCCAGTAAAGAAGGAAGAACTA  
CAAGAATATTTTTTCGAGAGGTGCAGATGGGAAAACCTTGTAAATTAGAGGGGAGCGCGGAATGGCT  
TTGAGCATCTACCAATGCCCTTTAGTATGTGAGCAACCAAGGAGCTTCTGATGTTTTCAAAAAAC  
ACTCCCTCCTGAGTTTTTCAGATGCTATTGGACAAGATTCCTCATTGCCAGCAACTCGAGGAGACA  
TGCAGGAGCACGGAGCACTGAAGGATGACCCCGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR216839 representing NM\_029227  
Red=Cloning site Green=Tags(s)  
MPSVRLGVLLAGLAAGGAVVLLSYCVYLDWRRHRDPAFRRRLQDKRRAGQPKAQAPARQLWDPVKKEEL  
QEYFFREVQMGKLCILIRGERGMGFEHLTNALLVCEQPKELLMFFKKTLPPEVFQMLLDKLIPLICQLEET  
CRSTEHLKDDPD

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9052\\_e08.zip](https://cdn.origene.com/chromatograms/mm9052_e08.zip)



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_029227

ORF Size: 456 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\\_029227.1](#), [NP\\_083503.1](#)

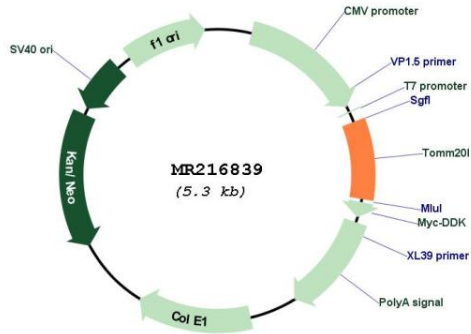
RefSeq Size: 596 bp

RefSeq ORF: 459 bp

Locus ID: 75266

UniProt ID: Q9D4V6  
 Cytogenetics: 12 C2  
 MW: 18 kDa

**Product images:**



Circular map for MR216839