

## Product datasheet for **MC216888**

### Tom1l2 (NM\_001039092) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tom1l2 (NM_001039092) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tom1l2
Synonyms:	2900016I08Rik; A730055F12Rik; AU042072; Srebf1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216888 representing NM\_001039092  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGTTCCTGCTGGGGAATCCGTTCCAGCACCCCTGTAGGGCAGTGTCTTGAGAAGGCAACAGATGGCT  
 CCCTGCAGAGCGAGGACTGGACACTGAATATGGAGATCTGTGACATCATCAACGAGACAGAGGAAGGGCC  
 AAAGGATGCCATCCGGGCTCTAAAGAAGCGGCTTAGTGGGAACCGAAACTACAGAGAAGTATGTTGGCC  
 CTGACGGTCTGGAGACTTGTGTGAAGAACTGTGGCCACCGCTTTCATCTCCTCGTGGCCAAACCGAGACT  
 TCATCGACAGCGTTCTGGTCAAATTAATCTCTCCAAGAATAACCTCCCACTATCGTCCAGGACAAAGT  
 GCTGGCTCTAATTCAGGCATGGGCAGATGCCTTAGGAGCAGTCTGACCTCACAGGTGTTGTGCACATA  
 TATGAAGAACTGAAGAGGAGGGGATTGAGTCCCATGGCGACTTGGACGCCCTGTCTCTATCCACA  
 CACCCAGCGGAGTGTCCAGAAATGGATCCAGCTGCCACCATTCCAGGTCCAGACACAGCCAGGAC  
 AACCGCTGGCACCTATTCTCACCTCCTCCAGTTCCTACTCTACTCTGCAGGCCCGGCTGTAGTGTG  
 ACGGGCCCATCACAGCCAATTCAGAACAGATTGCCAGGCTGCGCAGTGAGCTGGACATTGTTCCGGGAA  
 ACACAAAAGTCATGTCTGAGATGTTAACAGAAATGGTCCCTGGGACAGGAGGATTCTTCTGATCTGGAAT  
 ACTACAGGAATTGAACAGGACCTGCCGAGCCATGCAGCACCGCATAGTGGAGCTCATCTCCCGAGTGTCC  
 AATGAGGAGGTCACCGAGGAGCTGCTGCACGTCAACGATGACCTCAACAATGTCTTCCCTCCGCTATGAGA  
 GGTTCCGAGAGGTACAGTCCGGCCGATCCGTTCCAGAAATGCCAGCAATGGAGTACTAAGCGAAGTTACTGA  
 AGACAACCTAATAGACCTGGGCCCGGCTCCCGGCTGTGGTTAGCCCCATGGTGGGAGCACAGCACCC  
 CCATCTTCTCTCTCCTCCAACCTCGCAGGCTTGGACTTGGGACAGAGAGTGTGAGTGGCACCCCTCAGTT  
 CACTTCAGCAGTGAAGCCACAAGATGGTTTTGACATGTTGCCAGACCAGAGGAAACTCCTTGCTGA  
 ACAGCGAAAAACGGTACCTATGAGGATCCCGAGGCTGTTGGAGGACTCGCTTCTGCACTTGACAATCGG  
 AAACAGAACTCAGAAATGAAGGGTGACGACCTAGAAGAGGGTGTACAAGTGAAGAGTTCGATAAGTTCC  
 TGGAAGAAAGAGCCAAAGCTGCAGAAACAGTTCAGACCTGCCCTCACCCCGACAGAGGCCCTGCACC  
 AGCCTCAAACACTTCAACCCGGAAGAAGCCAGAGCGCTCCGACGATGCGCTCTTTGCCCT**GTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001039092

**Insert Size:** 1464 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**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\\_001039092.3](#), [NP\\_001034181.1](#)  
RefSeq Size: 4940 bp  
RefSeq ORF: 1464 bp  
Locus ID: 216810  
UniProt ID: [Q5SRX1](#)  
Cytogenetics: 11 B2  
Gene Summary: Probable role in protein transport. May regulate growth factor-induced mitogenic signaling (By similarity).[UniProtKB/Swiss-Prot Function]