

Product datasheet for **MC217198**

Tom1l2 (NM_153080) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tom1l2 (NM_153080) 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: >MC217198 representing NM_153080
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGTTCCTGTCTGGGAATCCGTTCCAGCACCCCTGTAGGGCAGTGTCTTGAGAAGGCAACAGATGGCT
CCCTGCAGAGCGAGGACTGGACTGAATATGGAGATCTGTGACATCATCAACGAGACAGAGGAAGGGCC
AAAGGATGCCATCCGGGCTCTAAAGAAGCGGCTTAGTGGGAACCGAAACTACAGAGAAGTATGTTGGCC
CTGACGGTCTGGAGACTTGTGTGAAGAACTGTGGCCACCGCTTTCATCTCCTCGTGGCCAAACCGAGACT
TCATCGACAGCGTTCTGGTCAAATTAATCTCTCCAAGAATAACCCCTCCACTATCGTCCAGGACAAAGT
GCTGGCTCTAATTCAGGCATGGGCAGATGCCTTAGGAGCAGTCTGACCTCACAGGTGTTGTGCACATA
TATGAAGAACTGAAGAGGAGGGGATTGAGTCCCATGGCGGACTTGGACGCCCTGTCTCTATCCACA
CACCCAGCGGAGTGTCCAGAAATGGATCCAGCTGCCACCATTCCAGGTCCAGACACAGCCAGGAC
AACCGCTGGCACCTATTCTCACCTCCTCCAGTTCCTACTCTACTCTGCAGGCCCGGCTGAGTGTG
ACGGGCCCCATCAGCCAATTCAGAACAGATTGCCAGGCTGCGCAGTGAGCTGGACATTGTTCCGGGAA
ACACAAAAGTCATGTCTGAGATGTTAACAGAAATGGTCCCTGGGACAGGAGGATTCTTCTGATCTGGAAT
ACTACAGGAATTGAACAGGACCTGCCGAGCCATGCAGCACCGCATAGTGGAGCTCATCTCCCGAGTGTCC
AATGAGGAGGTCACCGAGGAGCTGCTGCACGTCAACGATGACCTCAACAATGTCTTCCCTCCGCTATGAGA
GGTTCGAGAGGTACAGGTCCGGCCGATCCGTTCCAGAAATGCCAGCAATGGAGTACTAAGCGAAGTTACTGA
AGACAACCTAATAGACCTGGGCCCGGCTCCCCGCTGTGGTTAGCCCCATGGTGGGAGCACAGCACCC
CCATCTTCTCTCTCCCAACTCGCAGGCTTGGACTTGGGACAGAGAGTGTGAGTGGCACCCCTCAGTT
CACTTCAGCAGTGAAGCCACAAGATGGTTTTGACATGTTTGGCCAGACCAGAGGAACTCCTTGGCTGA
ACAGCGAAAAACGGTCACTATGAGGATCCCCAGGCTGTTGGAGGACTCGCTTCTGCACTTGACAATCGG
AAACAGAACTCAGAAATGATTCCCGTTGCGCAGCCCTCTGTCATGGACGACATTGAGGTGTGGCTCAGGA
CAGACCTGAAGGGTGACGACCTAGAAGAGGGTGTCAAGTGAAGAGTTCGATAAGTTTCTGGAAGAAAG
AGCCAAAGCTGCAGAAACAGTTCAGACCTGCCCTCACCCCGACAGAGGCCCTGCACCAGCCTCAAAC
ACTTCAACCCGGAAGAAGCCAGAGCGCTCCGACGATGCGCTTTTGCCCTG**TGA**

ACGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_153080

Insert Size: 1524 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_153080.2](#), [NP_694720.2](#)

RefSeq Size: 5000 bp

RefSeq ORF: 1524 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]