

Product datasheet for **MC217881**

Tom1l1 (BC004710) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tom1l1 (BC004710) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tom1l1
Synonyms:	2310045L10Rik; C80573; Srcasm
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC004710 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGGAGAGGATCATGGACCTGCTGGTGGTGGTGGAAAATGAAGACGTGACTATGGAGCTAATTCAAG
TGAACGAGGATCTGAATAATGCCGTCCTTGGATATGAGAGGTTTACTCGAAACCAACAAAGGCTTTTGA
ACAGAAGAGGAACCGGACAGAAGCAACCCGTACTCCAGCGAGCCCTCTGCTCCTCCTGCGATCTCCTC
GACCTAAGCCCCATCGTGCCAGTGCCTACGCCAATGAGGGAGCACTCAACTCCGTGAACGCCCAGCTTT
CAGGCCTAAGTGTCTAGCTCTCTGAGCCCTGTTATAACAAACAACCTGTATCCCAGTCTTCAGCCACAGAG
GGATTTACTAGCATCAGAAGATATAGAAATACCCACCTTGTTCCTCCAGAGGACCAGCCAAAACCTCGCC
TCGAGTCACACATATGATAATTTTCACTCCAATTCAGTATTACTCCAGCCAGTTAGCCTACACACCCGCCA
CAGCAGCAGCAGCAAACCAGAGGCTGCCACCCTTGCCAAGCAGTCATCCAGTGCTAAAAGACGGCGA
TCTCCAGCCACCAATTACTACGAGGTAATGGAGTTTATCCCTTAGCTCCCCTACAGAAGCTGTTTAT
GAAGAAATTGATGGTTACCACCAGAAAGAAGCTCAAAGTCATAGTGACTGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	BC004710
Insert Size:	684 bp



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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:	<ol style="list-style-type: none">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:	BC004710 , AAH04710
RefSeq Size:	2466 bp
RefSeq ORF:	683 bp
Locus ID:	71943
Cytogenetics:	11 55.47 cM
Gene Summary:	Probable adapter protein involved in signaling pathways. Interacts with the SH2 and SH3 domains of various signaling proteins when it is phosphorylated. May promote FYN activation, possibly by disrupting intramolecular SH3-dependent interactions. [UniProtKB/Swiss-Prot Function]