

## Product datasheet for **MR218338**

### Tom1l2 (NM\_153080) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tom1l2 (NM_153080) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tom1l2
Synonyms:	2900016I08Rik; A730055F12Rik; AU042072; Srebf1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR218338 representing NM\_153080  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGTTCCTGCTGGGGAATCCGTTACGACCCCTGTAGGGCAGTGTCTTGAGAAGGCAACAGATGGCT  
 CCCTGCAGAGCGAGGACTGGACACTGAATATGGAGATCTGTGACATCATCAACGAGACAGAGGAAGGGCC  
 AAAGGATGCCATCCGGGCTCTAAAGAAGCGGCTTAGTGGGAACCGAAACTACAGAGAAGTATGTTGGCC  
 CTGACGGTCTGGAGACTTGTGTGAAGAACTGTGGCCACCGCTTTCATCTCCTCGTGGCCAAACCGAGACT  
 TCATCGACAGCGTTCTGGTCAAATTAATCTCTCCAAGAATAACCTCCCACTATCGTCCAGGACAAAGT  
 GCTGGCTCTAATTCAGGCATGGGCAGATGCCTTAGGAGCAGTCTGACCTCACAGGTGTTGTGCACATA  
 TATGAAGAACTGAAGAGGAGGGGATTGAGTTCCCATGGCGACTTGGACGCCCTGTCTCTATCCACA  
 CACCCAGCGGAGTGTCCAGAAATGGATCCAGCTGCCACCATTCCAGGTCCAGACACAGCCAGGAC  
 AACCGCTGGCACCTATTCTCACCTCCTCCAGTTCCTACTCTACTCTGCAGGCCCGGCTGAGTGTG  
 ACGGGCCCATCACAGCCAATTCAGAACAGATTGCCAGGCTGCGCAGTGAGCTGGACATTGTTCCGGGAA  
 ACACAAAAGTCATGTCTGAGATGTTAACAGAAATGGTCCCTGGGACAGGAGGATTCTTCTGATCTGGAAT  
 ACTACAGGAATTGAACAGGACCTGCCGAGCCATGCAGCACCGCATAGTGGAGCTCATCTCCCGAGTGTCC  
 AATGAGGAGGTACCCGAGGAGCTGCTGCACGTCAACGATGACCTCAACAATGTCTTCCCTCCGCTATGAGA  
 GGTTCCGAGAGGTACAGGTCCGGCCGATCCGTTCCAGAAATGCCAGCAATGGAGTACTAAGCGAAGTTACTGA  
 AGACAACCTAATAGACCTGGGCCCGGCTCCCGGCTGTGGTTAGCCCCATGGTGGGAGCACAGCACCC  
 CCATCTTCTCTCTCTCCCAACTCGCAGGCTTGGACTTGGGACAGAGAGTGTGAGTGGCACCCCTCAGTT  
 CACTTCAGCAGTGAAGCCACAAGATGGTTTTGACATGTTTGCCAGACCAGAGGAACTCTTGGCTGA  
 ACAGCGAAAAACGGTACCTATGAGGATCCCGAGGCTGTTGGAGGACTCGCTTCTGCACTTGACAATCGG  
 AAACAGAACTCAGAAATGATTCCCGTTGCGCAGCCCTCTGTCATGGACGACATTGAGGTGTGGCTCAGGA  
 CAGACCTGAAGGGTGACGACCTAGAAGAGGGTGTCAAGTGAAGAGTTCGATAAGTTCTGGAAGAAAG  
 AGCCAAAGCTGCAGAAACAGTTCAGACCTGCCCTCACCCCGACAGAGGCCCTGCACCAGCCTCAAAC  
 ACTTCAACCCGGAAGAAGCCAGAGCGCTCCGACGATGCGCTTTTGCCCTG

**ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT**  
**ACAAGGATGACGACGATAAGGTTTAA**

**Protein Sequence:**

>MR218338 representing NM\_153080  
 Red=Cloning site Green=Tags(s)

MEFLLGNPFSTPVGQCLEKATDGSLSQEDWTLNMEICDIINETEEGPKDAIRALKKRLSGNRYREVMLA  
 LTVLETCVKNCGHRFHLLVANRDFIDSVLVKIIISPKNPPTIVQDKVLALIQAWADAFRSSPDLTGVVHI  
 YEELKRRGIEFPMADLDALSPIHTPQRSVPEMDPAATIPRSQTQPRTTAGTYSSPPASYSYTLQAPALSV  
 TGPITANSEQIARLRSELDIVRGNTKVMSEMLTEMVPGQEDSSDLELLQELNRTCRAHQHRIVELISRV  
 NEEVTEELLHVNDLNNVFLRYERFERYRSGRSVQNASNGVLSEVTEDNLDLGPSPAVVSPMVGSTAP  
 PSSLSSQLAGLDLGTESVSGTSSLQCKPQDGFDMFAQTRGNSLAEQRKTVTYEDPQAVVGLASALDNR  
 KQNSEMIPVAQPSVMDDIEVWLRDLDLKGDDLEEGVTSEEFDFLEERAKAAETVPDLSPSPTEAPAPASN  
 TSTRKKPERSDDALFAL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Restriction Sites:**

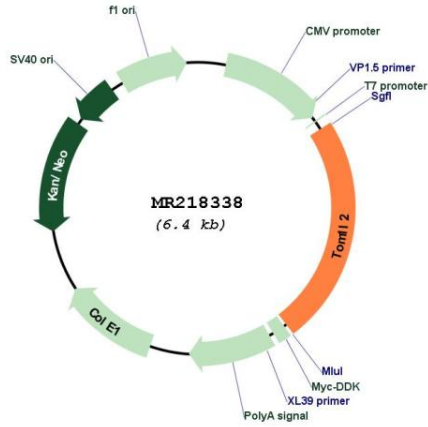
Sgfl-MluI



MW: 56.1 kDa

Gene Summary: Probable role in protein transport. May regulate growth factor-induced mitogenic signaling (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR218338