

Product datasheet for **RN203543**

Tomm40l (NM_001083338) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tomm40l (NM_001083338) Rat Untagged Clone
Tag: Tag Free
Symbol: Tomm40l
Synonyms: RGD1562006; Tomm40b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203543 representing NM_001083338
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGAACACCCTGGGCTGGCACCGATGGGGACTTTACCCCGCTGGAGCCACCGTCGGGAGGAACCGC
TGCCCAACCCCGGAGCTTCGATGAGCTGCACCGTTGTGCAAAGATGTATCCACGACAGATGGAAGG
CGTGAAGCTGGTTGTCAACAAGTTCTGAGCAGCCATTTCCAGGTGGCTCATACTGTGCACATGAGTGCC
CTGGGCTTGCCAGGGTACCACCTCCATACCGCCTATGCAGGGGACTGGCAGCTTAGTCCCACAGAGGTGT
TCCCCACTGTGGTGGGGATATGGACAGCAGTGGCAGTCTCAACGCCAGGTCTTGCTTCTGTTGGCAGA
ACGGCTGCGAGCTAAGGCTGTCTCCAGACACAGCAAGCCAAGTTCTGCATGGCAGTTTGATGGTGAA
TATCGAGGAGATGACTACACAGCCACTCTGACCCTGGGAAATCCGGATCTGATTGGGGAATCAGTGATTA
TGGTTGCTCACTTCTGCAAAGCATCACTCATCGGCTTGTACTAGGAGGGGAGCTAGTTTATCACCGGCG
GCCAGGAGAAGAGGGAGCCATTTGACTCTGGCTGGGAAGTACTCAGCTTCTCACTGGGTAGCTACATTG
AATGTTGGGTGAGTGGGCCCCATGCAAGTTATTACCACAAGGCAAATGAACAGGTTGAGTTGGAGTAG
AGTTTGAAGCAAATAAAGGCTACAAGATACAACCTTCTCCTTTGGTTACCACCTGACTTGCCCCAGGC
CGATATGGTGTAGAGGCTTGGTGGATAGTAACTGGTGTGAGGTGCTGTGTTGGAGAAGAAGATGCGT
CCCTGCCTGTCACCCTAGCCCTCGGAGCCTTCTCAATCACTGGCGAAACAGATTCCATTGTGGCTTCA
GCATCACTGTGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001083338
Insert Size: 927 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:	<u>NM_001083338.1</u> , <u>NP_001076807.1</u>
RefSeq Size:	927 bp
RefSeq ORF:	927 bp
Locus ID:	304971
UniProt ID:	<u>A4F267</u>
Cytogenetics:	13q24
Gene Summary:	Potential channel-forming protein implicated in import of protein precursors into mitochondria.[UniProtKB/Swiss-Prot Function]