

Product datasheet for MC209929

Tomm40 (NM_001109748) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tomm40 (NM_001109748) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tomm40
Synonyms: AW539759; Mom35; Tom40
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209929 representing NM_001109748
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGAACGTGTTGGCTGCCAGCTCTCCGCCCGAGGGCCACCGCCGCCTCTACGCCGTCCTCGTGG
 GGCTCCC GCCCGCCTCCTTCGCCGCCAGGCTTCACTCTGCCGCCGCTCGCGCGGCCCTGGGCACTGG
 GTCAAGCACTGGCCGTGGTTCGGAACGGACTCCCGGGGCTGCGGCCAGCGCGCTGCGGCCGCTCGGAA
 GATGGGAGCTGCGGATGCCTGCCAACC CGGGGACGTTGAGGAGTGCCACCGGAAGTGCAAGGAGCTGT
 TTCCAGTTCAGATGGAAGGTGTCAAACCTACAGTCAACAAAGGGTTGAGCAACCGTTTCCAGGTGACCCA
 CACAGTAGCCCTCGGCACAATTGGGGAGTCCAACCTACCACTTTGGGGTCACATACGTGGGGACGAAGCAG
 CTGAGTCCCACAGAGGCGTTCCCGTGCTGGTGGGTGACATGGACAATAGTGGCAGCCTCAATGCACAGG
 TCATCCACCAGCTGAGCCAGGCCTCAGGTCCAAAATGGCCATCCAGACCAGCAGTCCAAGTTCGTGAA
 CTGGCAGGTGGATGGCGAGTACCGTGGTTCTGACTTCACAGCTGCTGTACCCCTGGGCAACCCAGATGTC
 TTGGTGGGTTCAGGAATCCTCGTGGCCACTACCTCCAGAGCATCACACCGTGTCTGGCCCTGGGTGGAG
 AGCTCGTCTACCACCGGCGCCAGGAGAGGAGGGCACTGTCATGTCTCTAGCTGGGAAATACACACTGAA
 CAACTGGTTGGCTACAGTAACGCTGGGCCAGGCAGGCATGCATGCGACGTATTACCACAAAGCCAGTGAC
 CAGCTGCAGGTGGGTGTGGAGTTTGAGGCCAGCACCCAGGATGCAGGACACCAGTGCCCTCCTTTGGGTATC
 AGCTGGACCTGCCAAGGCCAACTTCCTTTTTAAAGGCTCTGTGAACAGTAACTGGATCGTGGGCCCCAC
 GCTGGAGAAGAAGCTTCCGCCCTTGCCCTGACACTGTCCCTCTGCGCCTTCTGAACCACCGCAAGAAT
 AAGTTCCTGTGTGGCTTCGGCCTCACCATCGGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001109748



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Insert Size:	1086 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_001109748.1 , NP_001103218.1
RefSeq Size:	1669 bp
RefSeq ORF:	1086 bp
Locus ID:	53333
UniProt ID:	Q9QYA2
Cytogenetics:	7 A3
Gene Summary:	<p>Channel-forming protein essential for import of protein precursors into mitochondria. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p>