

Product datasheet for MC218310

Tomm40 (BC038887) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Tomm40 (BC038887) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Tomm40
 Synonyms: Tom40, Mom35
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC038887
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCCCGGTTTTCCATAACTTATAAACATGATTTCTATGGAGGGGTGGAGGGGAAGTGACAGGCGGCT
 CGGCGCTCCTCTGCTGCCCTCAGGAGGACATCAAGTCTTCTCTTCTGAGCCTGTGTACAGCCGCTCTG
 CGCCTCTGCCTGGGCGCTACAATCGAATGCCCTTCAGATCCCAGGACTCCCTCCGGGACCCAGGCCCC
 CTGGGCACTGTCCCTGGCGCTGGGGATCCTTGGGCATGGGAGGTCCCCTCCTTCCCACTGCCCAACCC
 CAAGAGAGAGGGAGAGGAGGGGAGGGCAGCCGCGCCAGCGATGGTCTGCAGAGGAAGGACAGGAGGGCTC
 AGCCGATGGTGTAGGCCGAAGCCACACAGGAACCTATTCTTGCAGGTGGTTCAGGAAGGCGCAGAGGGACAG
 TGTGAGGGCAAGGGCGGAAGCTTCTTCCAGCGTGGCGCCACGATCCAGTACTGTTACAGAGCCT
 TAAAAAGGAAGTTGGCCTTGGGAGGTCCAGCTGATACCCAAAGGAGGCACTGGTGTCTGCATCCTGG
 TGCTGGCCTCAAACCTCCACCCACCTGCAGCTGGTCACTGGCTTGTGGTAATACGTCCGATGCATGCC
 TGCTGGCCAGCGTACTGTAGCCAACCAGTTGTTCAAGTGTGTATTTCCAGCTAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: BC038887
 Insert Size: 939 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>BC038887</u>
RefSeq Size:	1506 bp
RefSeq ORF:	686 bp
Locus ID:	53333
Cytogenetics:	7 A3
Gene Summary:	Channel-forming protein essential for import of protein precursors into mitochondria. [UniProtKB/Swiss-Prot Function]