

Product datasheet for MC203313

Tomm7 (NM_025394) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tomm7 (NM_025394) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tomm7
Synonyms:	1110020J08Rik; AW047273; Tom7
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC055352 GGACACGGTGGTGGTGTGGGCTCCTCGTTCGGTCCGTCGTCGCCATGGTGAAGCTGAGCAAAGA AGCCAAACAGAGGCTGCAGCAGCTCTTCAAGGGCGGCCAGTTTGCCATCCGCTGGGGCTTTATTCCTCTC GTGATTTACCTGGGATTTACAAGGGGTGCAGATCCTGGAATGCCTGAACCGTCGGTTTTAAGCCTACTTT GGGGATAAAGGACTGTTTGAACATCTGGATTTGGACGCGATCCAACATGGAAGGTGTATACTCCAGCTGG ACAAGAAAGGAGACGTCAATTTCAACGATTCTGTGGCAGAGTGGAGGAGCCTATACTGATTTATGATAGAC TATCAAAATAAATATTTTTAACAAATGTAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_025394
Insert Size:	168 bp
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).



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Reconstitution Method:

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: [BC055352](#), [AAH55352](#)

RefSeq Size: 447 bp

RefSeq ORF: 168 bp

Locus ID: 66169

UniProt ID: [Q9D173](#)

Cytogenetics: 5 A3

Gene Summary: Required for assembly and stability of the TOM complex (By similarity). Positive regulator of PRKN translocation to damaged mitochondria. Acts probably by stabilizing PINK1 on the outer membrane of depolarized mitochondria (By similarity).[UniProtKB/Swiss-Prot Function]