

Product datasheet for **MC209463**

Tmie (NM_146260) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmie (NM_146260) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmie
Synonyms:	5131400L21Rik; Mm.87012; sr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209463 representing NM_146260 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGGGAGGCAGCATGGCTCGGGCGGCTCTGGGCGCTGGGCGGCCCGCGCTGGGGGCTTGCCTGG
CGGGTGTGCGCCACGCAGCTGGTAGAGCCCAGCACCGCCAAAGCCCAAGCCGCCCCACTGACCAA
GGAGACTGTGGTGTCTGGGACATGCGCCTGTGGCACGTGGTGGGCATCTTTTCGCTCTTCGTGTTGTCC
ATCATCATCACGCTATGCTGTGCTTCAACTGCCGGGTGCCACGGACGCGGAAGGAGATCGAGGCTCGGT
ATCTACAGCGAAAGGCGCCAAGATGTACACAGACAAGCTGGAGACTGTGCTCCCTTAATGAAGTACAC
AGAAATCCCTGGAGAGGACAAGAAGAAAAAGAAGGACAGTGTGGACACAGTGGCTATCAAGGTAGAG
GAGGACGAGAAGAATGAGGCGAAGAAGAAAGGAGAGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_146260
Insert Size:	462 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).



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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>BC138840</u> , <u>AAI38841</u>
RefSeq Size:	1967 bp
RefSeq ORF:	462 bp
Locus ID:	20776
UniProt ID:	<u>Q8K467</u>
Cytogenetics:	9 60.79 cM
Gene Summary:	Unknown. The protein may play some role in a cellular membrane location. May reside within an internal membrane compartment and function in pathways such as those involved in protein and/or vesicle trafficking. Alternatively, the mature protein may be localized in the plasma membrane and serve as a site of interaction for other molecules through its highly charged C-terminal domain.[UniProtKB/Swiss-Prot Function]