

Product datasheet for MC209833

Timm10 (NM_013899) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Timm10 (NM_013899) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Timm10
Synonyms:	Tim13; Timm13a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209833 representing NM_013899

Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGATCCGCTCAGAGCCCAGCAGCTGGCTGCGGAGCTGGAGGTGGAGATGATGGCTGACATGTACAACA
 GAATGACCAAGTGCCTGCCACCGGAAGTGCCTGCCCTCCCACTACAAGGAGGCAGAGCTGTCCAAAGGCGA
 GTCTGTGTGTGGACCGATGTGTATCCAAGTACTTGGACATCCATGAGAGGATGGGCAAAAGTTGACA
 GAGCTGTCAATGCAGGATGAGGAGCTGATGAAGAGGGTACAGCAGAGCTCGGGGCCTGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_013899
Insert Size:	273 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:	<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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_013899.2, NP_038927.2</u>
RefSeq Size:	682 bp
RefSeq ORF:	273 bp
Locus ID:	30059
UniProt ID:	<u>P62073</u>
Cytogenetics:	2 D
Gene Summary:	Mitochondrial intermembrane chaperone that participates in the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. May also be required for the transfer of beta-barrel precursors from the TOM complex to the sorting and assembly machinery (SAM complex) of the outer membrane. Acts as a chaperone-like protein that protects the hydrophobic precursors from aggregation and guide them through the mitochondrial intermembrane space (By similarity).[UniProtKB/Swiss-Prot Function]