

Product datasheet for MC202202

Timm8b (NM_013897) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Timm8b (NM_013897) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Timm8b
Synonyms:	Tim8b
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC029239 sequence for NM_013897 CTCGACAATGGCCGAGCTTGGTGAAGCGGACGAAGCGGAGTTACAACGCCTGGTGGCCGCCGAACAGCA GAAGGCGCAATTCAGTGCAGGTGCATCACTTCATGGAATATGTTGGGATAAGTGTGTGGAGAAGCCA GGAAGTCGGCTAGACTCCCGCACTGAAAAGTGCCTCTCTAGCTGTGTGGATCGCTTCATTGACACTACTC TTGCTATCACCGGTGGTTTGGCCAGATCGTACAGAAAGGAGGGCAGTAGGCCATACCTTAGAATGACAG AAGACAAAAGACTTGTACCAAGCAGATTGAATGGCCAGTGGTGAAGACCTGCCAACCTGTCAGGTTA GCGTCAGGCAGTTACAAAGTCTGTTGGTGTAAAAAGTAACAGAGCAAATGTTCAAAAGTGAAATTTTAT TTATGGGAATTCAGTAATTCCAATTGTATCACACCAGTTAATAAATGTGAAGTCTCAAAAAAAAAAAAAA AAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_013897
Insert Size:	252 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC029239](#), [AAH29239](#)

RefSeq Size: 494 bp

RefSeq ORF: 252 bp

Locus ID: 30057

UniProt ID: [P62077](#)

Cytogenetics: 9 A5.3

Gene Summary: Probable mitochondrial intermembrane chaperone that participates in the import and insertion of some multi-pass transmembrane proteins into the mitochondrial inner membrane. Also 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]