

Product datasheet for **MC225805**

Mturn (NM_001289740) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mturn (NM_001289740) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mturn
Synonyms: 2410066E13Rik; AI448550; B230212L03Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225805 representing NM_001289740
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGACTTCCAGCAGCTGGCAGATGTCGCGGAGAAGTGGTGTTCAGCACGCCCTTTGAGCTCATCGCCG
CCGAGGAGACGGAGCGCAGGATGGACTTCTACGCCGCCGGGCTCTCCTTCTACGACTGTGTCCGGA
CAACGGCTGCGGCGACAGCTTTCACGTGTGGAGCGAGAGCGAGGACTGCCTGCCCTTCTTGCAGCTGGCC
CAAGATTACATCTCTTCCTGCGCAAGAAGACCCTCCATGAAGTCTTGAAAAAGTCTTCAAATCCTTCA
GACCTTTGCTGGGGCTTCCAGACGCAGATGACGACGCTTTGAAGAGTACAGTCCGGATGTGGAGGAGGA
GGAGCCAGAGGCGGACCACCCGAAATGGGGTTCAGTCAGCAGTAA

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001289740

Insert Size: 396 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



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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>NM_001289740.1</u> , <u>NP_001276669.1</u>
RefSeq Size:	5307 bp
RefSeq ORF:	396 bp
Locus ID:	68235
UniProt ID:	<u>Q8CGA4</u>
Cytogenetics:	6 B3
Gene Summary:	May be involved in early neuronal development.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the shorter isoform (a).