

Product datasheet for **MC225404**

Tenm2 (NM_011856) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tenm2 (NM_011856) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tenm2
Synonyms: Odz2; Odz3; Ten-2; Ten-m2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225404 representing NM_011856
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGATGTAAGGACCGGCGACATCGCTCTTTGACCAGGGGACGGTGTGGCAAAGAGTGTGCTACACCA
 GCTCCTCTCTGGACAGTGAAGACTGCCGTGTGCCACTCAGAAGTCTACAGTTCACGCGAGACCTTGAA
 GGCTTATGACCATGACAGCAGAATGCACATATGAAACCGAGTACAGACCTGGTGCACCGGGAGTGGAT
 GAGTTTTCTAGACAAGGGACAACTTCACCTGGCAGAATTGGGAATCTGCGAGCCCTCCACACCGAA
 GTGGTTACTGTTCCGACATGGGTATCCTCCACAGGGCTACTCCCTGAGCACTGGGTCTGATGCAGACTC
 GGACACCGAGGGAGGGATGTCTCCAGAACATGCCATCAGACTGTGGGGACGAGGGATAAAATCCAGGCGC
 AGCTCTGGCTTGTCCAGCCGCGAGAACTCGGCCCTTACTCTGACTGACTCTGACAATGAAAAATAATCGG
 ATGACGACAATGGTCTGCCATTCACCTACATCCTCGTCTAGCCTCCTCCATCTGCTCAGTGCCTAG
 CTCCATAATCCTCCACAGTTAGCTGCCAGATGCCATTGCTAGACAGCAACACCTCCATCAGATCATG
 GACACCAACCTGATGAGGAATTCTCCCAATTCATACCTGCTCAGAGCATGCTCAGGGCCCCAGCAAG
 CCTCCAGCAGTGGCCCTCAAACCACACAGCCAGTCAACACTGAGGCCCCCTCTGCCACCCCTCATAA
 CCACACCTGTCCACCACCACTCCTCGGCAACTCCCTCAACAGGAACACTGACCAATCGGCCGGAGT
 CAAATCCACGCCCCAGCTCCTGCGCCCAACGACCTGGCCACCACCCAGAGTCTGTTGAGCTCCAGGATA
 GCTGGGTGCTGAACAGTAACGTCCCACTGGAGACTCGGCACCTTCTTTTCAAGACGTCGTCTGGAAGCAC
 ACCCTGTTGAGCAGCTCTTCTCCGGGATACCCTTTGACCTCAGGGACCGTTTATACACCACCACCCCGC
 CTGCTGCCACGGAATACATTCTCCAGGAAGCCTTCAAGCTGAAGAAACCTCCAAATACTGCAGTTGGA
 AATGCGCTGCCGTCTGCCATCGCCGCCGCCCTCCTCTGGCCATTTTGTGGCATATTCATAGCAAT
 GCATCTGCTCGGACTCAATTGGCAACTCCAGCCGGCAGATGGACACACCTTTAACAATGGCGTAAGGACC
 GGCTTACCAGGAAACGATGATGTGGCAACAGTCCATCTGGAGGCAAAGTGCCCTGGTCATTGAAAAACA
 GCAGCATAGACAGTGGCGAAGCAGAAGTTGGTCCGCGGGTACACAGGAAGTCCCACAGGGGTGTTTTG
 GAGGTCCCAGATTCACATCAGTCAGCCTCAATTCTTAAAGTTCAACATCTCCCTGGGCAAGGATGCCCTC
 TTCGGTGTCTATAAAGGAGAGGACTACCACCTCTCATGCCAGTATGACTTCATGGAACGCCTGGATG



[View online >](#)

GAAAGGAGAAATGGAGCGTGGTTCGAGTCGCCAGGGAACGCCGGAGCATCCAGACTCTGGTGCAGAACGA
 GGCTGTGTTTGTGCAGTACTTGGATGTGGGCTGTGGCACCTGGCCTTCTACAATGACGGCAAGGACAAG
 GAGATGGTCTCCTTCAACACTGTTGTCTTAGATTAGTGCAGGACTGTCCACGGAAGTGTACGGGAACG
 GCGAATGCGTGTCTGGACTGTGTCACTGTTCCAGGATTCTAGGTGCAGACTGTGCTAAAGCTGCCTG
 CCCTGTACTGTGCAGCGGAAATGGACAGTATTCTAAAGGAACGTGCCAGTGTACAGCGGCTGGAAAGGT
 GCAGAGTGCAGTGTGCCTATGAACCAATGTATCGATCCTTCTGTGGGGCCATGGCTCTGCATTTGATG
 GGAATGCCGTGTGTCTGTGGTACAAGGGCGAGCACTGTGAGGAAGTTGATTGCTTGGATCCTACCTG
 CTCCAGCCATGGTGTCTGTGTAATGGAGAGTGTCTATGCAGCCCCGGCTGGGGTGGTCTCAACTGTGAG
 CTGGCGAGGGTCCAGTGCCAGACCAGTGTAGTGGCATGGCACTTACCTCCCTGACTCCGGCCTGTGCA
 GCTGTGATCCGAAGTGGATGGGTCCCGACTGCTGTGTTGTGTGCTCAGTAGACTGTGGCACTCACGGCGT
 CTGCATCGGGGAGCCTGCCGCTGTGAAGAGGGCTGGACAGGCGCAGCTTGTGACCAGCGCTGTGCCAC
 CCCCCTGCATTGAGCACGGGACCTGTAAGATGGCAAATGTGAATGCCGAGAGGGCTGGAATGTTGAAC
 ACTGCACCATTGATGGCTGCCCTGATTTGTCAACGGTAACGGGAGATGCACACTGGTGCAGAACAGCTG
 GCAGTGTGTCTGCCAGACCGGCTGGAGAGGGCCTGGATGCAACGTTGCCATGGAAACCTCCTGCGCTGAT
 AACAGGATAATGAGGGAGATGGCTGGTGGACTGCCTGGACCCTGACTGCTGCCTACAGTCAGCCTGTC
 AGAACAGCCTGCTCTGCCGGGGTCTCGGGACCCCTTGGACATCATTAGCAAGGTGAGACAGACTGGCC
 TGCAAGTGAAGTCTTCTATGACCGCATCAAGCTCTTGGCAGGCAAGGACAGCACCCACATCATTCTGGA
 GACAACCCCTTCAATAGCAGCCTGGTGTCTGTATCCGAGGCCAAGTAGTAACCATGGATGGGACTCCCT
 TGGTGGGTGTGAATGTGTCTTTTGTCAAGTACCCAAAATATGGCTACACCATCACTCGCCAGGATGGCAC
 GTTTGATCTGATTGCCAATGGGGTTCTGCCTTGACTCTTCACTTTGAGCGAGCCCTTTTCATGAGCCAG
 GAGCGCACAGTGTGGCTGCCATGGAACAGCTTCTATGCCATGGACACCCTGGTAAAGACCGAGGAAA
 ACTCCATCCCAGCTGTGACCTCAGTGGCTTTGTCCGGCCAGATCCAATCATCATCTCCTCTCCTGTGC
 TACCTTTCAGCGCTTCCCCTGCCTGCAACCCATTGTGCTGAGACCCAGGTTCTTCAAGAAAAT
 GAGCTCCCTGGTACCAATGTGAAGCTCCGTTATCTCAGCTCTAGAACTGCAGGGTACAAGTCTGCTGA
 AGATCACCATGACACAGTCCACAGTGCCTTGAACCTCATCAGGGTTCACTTGATGGTGTGTAGAGGG
 GCATCTCTCCAGAAGTCAATCCAGGCTTCTCCCAACCTAGCCTACACATTCATCTGGGACAAGACAGAT
 GCTTATGGCCAAAGGTTTATGGCCTATCGGATGCTGTTGTGTCTGTTGGGTTTGAATAGAGACCTGCC
 CCAGTCTCATCTGTGGGAGAAAAGGACAGCCCTGCTTCAAGGATTCGAGCTGGACCCTTCAACCTTGG
 AGGCTGGTCCCTGGACAAACACCACACCCTCAATGTGAAAAGCGGAATACTACACAAAGGACAGGGGAG
 AACCGATTCTGACCCAGCAGCCTGCCATCATCAGGACATCATGGCAACGGTGCGCCGAGAAGCATCT
 CCTGTCCAGCTGTAATGGCCTTGTGAAGGCAACAACTGTTAGCCCTGTGGCCTGGCTGTGGGGAT
 CGATGGGAGCCTCTTGTGTTGGTACTTCAACTATATCCGGCGCATCTTCCCTCTCGAAATGTGACCAAT
 ATCTTGGAGTTACGAAATAAAGAGTTTAAACATAGCAACAGCCAGGACACAAGTATTACTTGGCTGTGG
 ACCCCGTGACCGGCTCACTCTACGTCTCTGACACCAACAGTGCCCGAATCTACCGAGTCAAGTCTCTGAG
 CGGAGCCAAAGACCTGGCTGGAAATTCGGAAGTTGTGGCAGGGACTGGCGAACAATGTCTACCCTTGTG
 GAAGCCCGCTGTGGGATGGAGGGAAGGCTGTGGACGCCACCCTCATGAGCCCCAGAGGTATTGCAGTAG
 ACAAGAATGGGCTTATGTACTTTGTTGATGCCACCATGATCCGGAAGGTGGACAAAACGGAATCATCTC
 CACCCTGCTGGGCTCAAATGACCTCACAGTGTCCGACCACTGAGCTGTGACTCGAGCATGGACGTGGCC
 CAGGTCCGTCTAGAATGGCCGACAGACCTCGCCGTCAACCCATGGACAACTCCCTGTACGTTCTGGAGA
 ACAACGTATCCTGCGGATCACGGAGAACCACCGGTGAGCATCATCGCGGGACGGCCTATGCACTGCCA
 GGTCCCGGCATCGACTACTCGCTCAGCAAACTCGCCATCCATTCTGCGCTGGAATCAGCCAGCGCCATT
 GCTATTTCTCACACTGGGGTGTCTACATCACTGAGACGGACGAGAAGAAGATCAACCGCCTACGCCAAG
 TCACCACCAATGGAGAGATCTGCCTTTAGCCGGGGCGCCTCAGACTGTGACTGCAAAAACGATGTCAA
 CTGCATCTGCTACTCGGGAGATGACGCTTACGCCAGGACGCCATCCTAAACTCGCCGCTCCTTACGCC
 GTGGCTCCAGATGGCACCATCTACATTGCAGACCTTGGGAATATCCGGATCAGGGCGGTGAGCAAAAATA
 AACCCGTTCTTAACGCATTCAACAGTATGAGGCTGCATCTCCGGGAGAACAGGAATTGTACGTGTTCAA
 CGCTGATGGTATCCATCAGTACACTGTGAGTCTGGTACTGGGGAGTACTGTACAATTTACATACAGC
 GCTGACAATGACGTACCGAGTTGATTGACAACAACGGGAATTCCTAAAGATCCGCCGGACAGCAGTG
 GCATGCCCCGCCACCTGCTCATGCCTGATAATCAGATTATCACCCTTACCGTGGGACCAATGGAGGCT
 CAAAGCCGTGTCCACTCAGAACCTGGAGCTGGGCCTCATGACTTATGATGGGAACACTGGACTCCTAGCC
 ACCAAGAGTGTGAAACTGGATGGACAACCTTTTATGACTATGACCACGAGGGCCGTGTGACCAATGTGA
 CCCGCCACGGGCGTAGTGACCAGTCTGCACCGGAAATGGAGAAATCTATCACCATTGACATTGAGAA

CTCCAACCGGGATGATGACGTCCTGTGATCACCACCTCTCCTCCGTGGAGGCCTCTATACAGTGGA
 CAAGATCAAGTGCAGAACAGCTACCAGCTCTGCAATAATGGAACCTGCGGGTGTGTACGCCAACGGCA
 TGGCTGTGAGCTTCCACAGTGGAGCCACGTCCTCGCAGGCACCATCACCCACCATTGGGCGTGCAA
 CATCTCTGCCCCATGGAGAATGGCCTGAACTCCATCGAGTGGCGCTGAGGAAGGAACAGATCAAAGGC
 AAAGTACCATCTTTGGGAGGAAGCTTCGGGTCCACGGAAGGAATCTCCTGTCCATTGATTATGACCGAA
 ATATCCGAACGGAGAAGATCTACGATGACCACCGGAAATTCACCCTGAGGATCATCTATGACCAGGTGGC
 CGGCCCTTCTGTGGCTCCCGAGCAGTGGCTGGCAGCCGTCAATGTCTCTACTTCTTCAATGGGCGC
 TTGGCCGGCCTCCAGCGAGGGCCATGAGCGAGAGGACAGACATTGACAAGCAAGGCCGGATCGTGTCCC
 GCATGTTCCGCGACGGGAAAGTCTGGAGCTATTCTATCTTGACAAGTCCATGGTCTTCTGCTACAGAG
 CCAACGTCAGTACATATTTGAATATGACTCCTCCGATCGCTCCACGAGTCACTATGCCAGTGTGCGC
 CGGCACAGCATGTCCACGCACACCTCCATTGGTTACATCCGAAACATTTACAACCCACCCGAAAGCAATG
 CATCAGTCATCTTTGACTACAGTGTGACGCGCATCCTAAAGACATCTTTCTTGGGACTGGGCGCA
 GGTGTTCTACAAGTATGGAAAATCTCCAAGTTATCAGAGATAGTCTACGACAGCACAGCCGTACCTTT
 GGGTATGACGAGACCACCGGTGTCTGAAGATGGTCAATCTCAAAGTGGGGTTTCTCCTGTACCATCA
 GGTACCGAAAGGTTGGGCCCTTGTGGACAAGCAGATTTACAGGTTCTCTGAGGAAGGAATGATCAACGC
 CAGGTTTGATTATACCTATCACGACAATAGCTTCCGCATTGCCAGCATCAAACCCGTATTAGCGAGACT
 CCCCTTCTGTTGACCTCTACCGTATGATGAGATTTCCGGCAAGGTGGAACACTTCGGCAAGTTTGGGG
 TCATCTACTACGACATCAACCAGATCATCACCCTGCGTGTGACGCTTAGCAAGCACTTTGACACCCA
 TGGGCGCATCAAGGAAGTGAATATGAGATGTTCCGGTCCCTCATGTACTGGATGACTGTGCAATATGAC
 AGTATGGGTAGGGTCAAGAGGGAAGTGAAGTAAAGTGGGCCATGCCAAACACCACAAAGTACACCTATG
 ACTATGACGGGGACGGCAGCTCCAGAGTGTGGCCGTCAATGACCGGCCACCTGGCGCTATAGCTATGA
 CCTCAATGGGAACCTGCACCTTCTAAACCCAGGAAACAGTGTCTCGCCTCATGCCCTTACGCTATGACCTC
 CGTACCGGATAACCAAGCTAGGGGACGTGCAGTACAAAATCGATGACGATGGCTATTTGTGCCAGAGAG
 GGTGAGACATCTTTGAATACAACCTCAAGGGCCTTCTGACAAGAGCATACAACAAGGCCAGCGGATGGAG
 CGTGCAGTACCGCTATGACGGAGTGGGCCCGGGCTTCTACAAGACCAACCTGGGCCACCACTACAG
 TACTTCTACTCCGACCTCCACAACCCACACGATCACCCTGTTTACAACCACTCCAACCTGAGATCA
 CCTCGCTCTACTATGACCTCCAGGGCCACCTATTTGCCATGGAGAGCAGTGTGGTGAAGAATACTATGT
 CGCCTCAGACAACACGGGGACCCCTCTGGCTGTGTTCAATGACGCTCATGATCAAGCAACTGCAG
 TACACAGCCTATGGGAGATCTACTATGACTCCAATCCAGACTTCCAGATGGTATTGGCTTCCACGGAG
 GCCTCTATGACCCCTCACCAAGCTCGTCACTTTACTCAACGTGATTATGACGTGTGGCAGGACGGTG
 GACGTCCCCGACTACACCATGTGGAGGAACGTGGGCAAGGAGCCAGCCCTTCAACCTGTACATGTTT
 AAGAACAACAATCTCTGAGCAATGAGCTGGACTTAAAGAAGTACGTGACAGACGTGAAGAGCTGGCTTG
 TGATGTTTGGATTTAGCTCAGCAACATCATTCCTGGATTCCCGAGAGCCAAAATGTATTTGTGCCTCC
 CCCCTATGAACTGTGAGAGTCAAGCAAGCGAGAACGGACAGCTCATTACAGGTGTCCAGCAGACAACT
 GAGAGGCATAACCAAGCCCTTCTGGCTCTGGAAGGACAGGTCACTACTAAAAGTCCATGCCAGCATCC
 GAGAGAAAGCAGGCCACTGGTTTGTACCACCACCCATCATCGGCAAAGGCATCATGTTTGCCATCAA
 AGAAGGGCGGGTACCACAGGAGTGTCTAGCATCGCCAGTGGAGCAGCCGCAAGGTAGCATCCGTGTTG
 AACAATGCCTACTACTTAGACAAGATGCACTACAGCATCGAGGCAAGGACACACTACTTTGTGAAGA
 TCGGCGCGCGGATGGTACCTGGTACGCTAGGAAACCACTTGGGCGCAAGGTGTGGAGAGTGGGGT
 GAACGTGACGGTGTACAGCCCACGCTGCTGGTGAATGGCAGGACTCGAAGGTTCAACAACATTGAGTTT
 CAGTACTCCACGCTGCTGCTCAGTATCCGCTACGGCCTCACCCCGACACGCTGGACGAAGAAAAGGCC
 GCGTCTGGACCAAGCGAGACAGAGAGCCCTGGGTACTGCCTGGGCAAGGAGCAGCAGAAAGCCAGGGA
 CGGGAGAGAGGGCAGCCGCTGTGGACGGAGGGCGAGAAGCAGCAACTCTGAGCAGGGACGGGTACAA
 GGTATGAGGGCTATTACGTAATCCGGTGGAAACAGTACCCGGAGCTGGCAGACAGTACGAGCAACATCC
 AGTTCTTAAGACAGAATGAGATGGGAAAGAGTTAA

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_011856

Insert Size:	8295 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).
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_011856.4</u> , <u>NP_035986.3</u>
RefSeq Size:	9749 bp
RefSeq ORF:	8295 bp
Locus ID:	23964
Cytogenetics:	11 21.96 cM