

Product datasheet for **MC212444**

Tmlhe (NM_138758) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmlhe (NM_138758) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmlhe
Synonyms: Bbox2; D430017M14Rik; TMLH
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212444 representing NM_138758
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGGTACCATAAGTTGTTGCACCAACAAAGCAGGCTCCGTAATTTGATGAAGAGAGGAAACATAGCTC
AAGGTCTTCATCTGTCCAACCTTTAAAAGTTTATTTTCATCATCCATCCATTGGTGCCATACAACCTCCAA
GTCTGTGAACTGTACTTGGCACCAACATGAAGATCATTGGAAGTGAATATGCTGGCACTGTGATGCGC
TTTGATTATGTCTGGCTTCGAGACCATTGCCGCTCAGCATCATGTATAATTCTAAGACTACCAGCGGA
GCCTGGCACTGCCAGTGTGGATTTATGTATTAAGCCAAAGACAGTTCATCTGGATGAACTATGCTCTT
TTTCACCTGGCCAGATGGTCATGTGACTAGATATGATCTGGATTGGCTGGTGAAAAACAGTTATGAAGGG
CAGAAACAAAAGGTTATCCAACCTAGAATATTATGGAATTCTAACTCTACCAGCAAGCCCAAGTTCCAT
CTGTTGATTTCCAGTGTCTTTTAGAAACAAATGAAGGGTTGAAGAAGTTTCTGCAGAACTTTTGTGTA
TGAATTCATTTGTAGAAAATGTCCTCCCACTGAAGAGCATAACAGAAAAATTGGCAGAAAGGATTAGC
TTAATCAGAGAAACCATCTATGGAAGGATGTGGTATTTCACTTCAGATTTTCCAGAGGTGACACTGCAT
ACACCAAGCTAGCTCTAGACCGGCATACACTACTACTTTCAAGAGCCCTGTGGCATTCAAGTATT
TCATTGTCTTAAGCATGAAGGAACAGGTGGTAGAACACTGTTAGTGGATGGATTCTATGCAGCACAAACA
GTACTTCAAAAAGCACCTGAGGAATTTGAACTCCTCAGCAAAGTACCATTGAAGCATGAATATATTGAAA
ATGTTGGACAATGTCACAATCACATGATTGGGGTTGGGCCATCTTAAATATTTACCCATGGAATAAAGA
GCTGTATTTGATCAGGTACAACACTATGACAGGGCTGTCATCAACACTGTGCCTTATGATGTTGCCAT
CGTTGGTATACAGCACACCGAACCTAACAACTGAATTGAGAAGGCTGAGAATGAGCTTTGGGTCAAAT
TGAAGCCTGAAAGGTAATTTATAGACAACCTGGCGAGTACTTCATGGCAGGGAATCATTCACTGGCTA
CCGTCAACTCTGTGGCTGCTATTTAACTAGAGATGATGTATTGAATACTGCTCGTCTCCTGGGTCTTCAT
GCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_138758
Insert Size:	1266 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_138758.1</u> , <u>NP_620097.1</u>
RefSeq Size:	2264 bp
RefSeq ORF:	1266 bp
Locus ID:	192289
UniProt ID:	<u>Q91ZE0</u>
Cytogenetics:	X
Gene Summary:	Converts trimethyllysine (TML) into hydroxytrimethyllysine (HTML).[UniProtKB/Swiss-Prot Function]