

Product datasheet for **SC214496**

TMLHE (NM_018196) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TMLHE (NM_018196) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TMLHE
Synonyms:	AUTSX6; BBOX2; TMLD; TMLH; TMLHED; XAP130
ACCN:	NM_018196
Insert Size:	2000 bp



[View online »](#)

Insert Sequence:

>SC214496 3'UTR clone of NM_018196

The sequence shown below is from the reference sequence of NM_018196. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
ACTGCTCGCCTCTTGGGGCTTCAGGCTTAAATTGACAGCATCTGGATTATGAATACACCTGGCACCCCT
GGTACCAGAATTCATATGGGCAGAATAATATTGTGTCAACTCTACTTCAGATTGTCTCCTTATCCC
ATCCACAAAACAGAATCTGTCCGTTTCTCTAGTAAGGGAGACTTGTGGAGAGGCGGGACTCTGAGTT
ATCTAATGTCAGACATCTAGTGGGCAGCTCTCTCCTCATGTTATAACATGGATCCACTGTGTTGATT
TAAACCTTTAATAATAATTTGGTCAGTCTCCTCAGAAATAAATCTCCATATTGATAGGAAAGCAAT
AATTGCCATGAGGTAACGATTTTTTCCCAAGTAGATCAGTTAGAAAGAAATGCATTCTAGAAATAACA
AAAATCCTGATAAAGCAACAATTTGCAAAATGTTGGTCTTAGGACACCTAACACTCTAAAAGTTAT
TGAAGGCCCAAGGAGTCTTGGGTGTGGGTTCTATCTATTGATACTAATTTTTAGGTATTAAGACT
GAGAAATATTTAAAGCTCAAGAAGAACACAGAAGCACACATCCCTCAGCTATGAGAGAGATGACATAAC
CATATGTCATGTAGCCTCTGAAAAAGTCCCTCTGTATCCTCATGAGATAACGAGAGGGGAAAAAAGCT
ACTACTGCCTTTGTAACCTCCACTTAGCCTACTACAGGGCTATGCACATCTTAGTTTCCAAAAGTCTGC
TTAATTTCAAAAGAAAAATGCCTAATTGAATGTAACCTCATCTTGGTGTTATTATACAAAATAATTTTA
ATCTGCAGACCCACGAAAAGGGTCTCAGGGACTCCTCCAGGGGTCTTCCAGACCATACTTTGAGAACCA
TGGGCTAGCGACTACCTTGAGACAGTCTTTACCTAGGCTGTGGATTAAGGGTTTAGCTGAAACCT
AGATTCTCTCTGTAGTCTAATAGAACTCCAAACATTGTAAGAATTGCTTGGTAGCATAAGCTCAGGGA
TAAGTGGGAATTGAGTTCAAATATAGTGTTTATCTTCCACAAAATCATCTCTATAGGAGTTAAATT
AGGAAGTCACAACAGCGCTGTTGAACAACTCATCAGTGTGGTAATCCTATGAGGGATAATTGCAGAA
AGGTTTTAGAGACTTGTGAGGTTCCATATGATAATTCTTTACACCTCCCCCCCCAAGAGAAAGTACACA
GGGCTATTCTGTAATATTGTTCCAGGAAATCAGCATGATAGATGCTGTGCCTCCAGAGAGTTCTCTGGA
GATTACTACCAAATGTATTTTGGCAATTTGGTGGTATTTAGGATGTAATATGTTTTCTCCATTTTC
TGCTAATTTTCTCTCTCTCTCATAACATACTATACATGCTAATTGCCAAGATTTGAATGAGTCAA
ATTTAGTAGCTTGCTGCTTTTATTTTTAAATGGCTTCTTTACGTATTGGCGGGGGCGGGTGGGGGGC
AGGGTATGAGGCTCTTTTCCCTCAGCTTTCATTGAAAGTGAAGCTGTACAATAACCACATTGACCACT
GTAGAATGATGAAAGAGAATATAGGCTAGGATGCACACAAGAGGGGGAAAAGGCATTATTAGTGAAGA
TAGGAGTTACAAAGCAAAGCAAAGTCAAGTATTCAGATAGAGAATAGAGCCTAATCTGATGTTGCAGGG
AGTTCCTAGATCACATTTGGCAATTTACACATTATTTATTGACCTATCCAGTGCTCCAAAATGTGTTC
CAAAATATTTTGGCATTATTTTGTACTACATAGGAATCTTTAGGGGAGTCCCTGAAATTTGTTTTCT
CTTAGGTCAAAGGACTGATAATTAACCTTGGTTCTTAAGGAGTATGCCCTTTAGCAATAAGAACAGCAA
TAACATTTTACCCTGCAGTTTTTCTCTATACCTACTATTATGCACTCCTAAAATATGTCATCATTAG
ACGCGT AAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_018196.4](#)

Summary: This gene encodes the protein trimethyllysine dioxygenase which is the first enzyme in the carnitine biosynthesis pathway. Carnitine play an essential role in the transport of activated fatty acids across the inner mitochondrial membrane. The encoded protein converts trimethyllysine into hydroxytrimethyllysine. A pseudogene of this gene is found on chromosome X. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2010]

Locus ID: 55217

MW: 77.2