

Product datasheet for **SC315886**

LMTK3 (NM_001080434) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LMTK3 (NM_001080434) Human Untagged Clone
Tag: Tag Free
Symbol: LMTK3
Synonyms: LMR3; PPP1R101; TYKLM3
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001080434 edited
 GCGATCGCCATGAGGCAAGTGTGGTTGTGTAATGTCTGCGTAACCGCACGGAAACC
 CGCCACCACCTCCACCTCCCTGCCATCCTCGACAAGATGCCTGCCCGGCCACCCCGATGGATTC
 CTCTTGGCGCCGTCTCGCCTCCGGCTGCCTGGCGTCCCGGCCACCCCGATGGATTC
 GCCCTGGGCCGGGCTCCTCTGGCTCCTCCCTACGCTGTGGTCTCATTTCCTGCTCCGGC
 CTGCTGGCCTTCACTTCTCCTCCTCACCTGTCTGTGCTGCAAACGGGGCGATGTCGGC
 TTCAAGGAATTTGAGAACCCTGAAGGGGAGGACTGCTCCGGGGAGTACACTCCCCCTGCG
 GAGGAGACCTCCTCCTCACAGTCGCTGCCTGATGTCTACATTCTCCCGCTGGCTGAGGTC
 TCCCTGCCAATGCCTGCCCGCAGCCTTACACTCAGACATGACCACCCCTGGGCTT
 AGCCGGCAGCACCTGAGTACCTGCAGGAGATTGGGAGTGGCTGGTTTGGGAAGGTGATC
 CTGGGAGAGATTTTCTCGACTACACCCCGCCAGGTGGTGGTGAAGGAGCTCCGAGCC
 AGCGCGGGGCCCTGGAGCAACGCAAGTTCATCTCGGAAGCACAGCCGTACAGGAGCCTG
 CAGCACCCCAATGTCTCCAGTGCCTGGGTCTGTGCGTGGAGACGCTGCCGTTTCTGCTG
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 GAGGGCTGTCCCTGAGTACCCCTCGAGACCTGCGGACGCTGCAGAGGATGGCCCTG
 GAGATCGCCCGCGGGCTGGCGCACCTGCATTCCACAACACGTGCACAGCGACCTGGCC
 CTGCGCAACTGCCTGTGACCTTGACCTGACCTGACCTGCGCATCGGAGACTACGGGCTGGCC
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 TGGCGGGCGCCGAGCTCCTCGGGGAGCTCCACGGGACCTTTCATGGTGGTGGACACAGAG
 CGCGAGAGCAACATCTGGTCCCTGGGGGTGACCTGTGGGAGCTGTTGAGTTTGGGGCC
 CAGCCCTACCGCCACCTGTGAGACGAGGAGTCCCTCGCCTTCGTGGTCCGCCAGCAGCAT
 GTGAAGCTGGCCCGCCGAGGCTCAAGTGCCTTACGCGGACTACTGGTATGACATTCTT
 CAGTCCTGCTGGCGGCCACCTGCCAGCGCCCTCAGCCTCTGATCTCCAATTGCAGCTC
 ACCTACTTGCTCTCCGAGCGCCCTCCCGGCCCCACCAGCGCCACCCCAACCCGAGAC
 GGTCCCTTCCCCTGGCCCTGGCCCTGCACACAGTGCAGCCCGCCCGGGGACCTCTCC
 TCACCGTTCCCCTACTGGATGGCTTCCCTGGAGCCGACCCCGACGATGTGCTCACGGTC
 ACCGAGAGTAGCCGCGGCTCAACCTCGAGTGCCTGTGGGAGAAGCCCGCGCTGGGGCC



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GGCCGGGGTGGGGGGCACCTGCCTGGCAGCCGGCGTCGGCCCCCGGCCCCACGCC
AACCCCTCCAACCTTTCTACGAGGCGCTGTCCACGCCAGCGTGTGCCTGTATCAGC
GCCCGCAGCCCTCCGTGAGCAGCGAGTACTACATCCGCTTGGAGGAGCACGGCTCCCCT
CCTGAGCCCTCTTCCCCAACGACTGGGACCCCTGGACCCAGGAGTGCCCGCCCTCAG
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TTCCCTGGCCCCGGCCCTTCCCAGCCAGTCTCAGCGTCAGGCAGTTCCTGTGAGC
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CGCGGGCCCCGTGGGAGGGCGCGGACGCGGGCGGCTGGCGGGGAGGCCGGCGGGCG
GGAGCGCCGGGGCCGGCGGAGGAGGACGGGGAGGACGAGGACGAGGACGAGGAGGAGAC
GAGGAGCGCGCGCCGGGGCGGGCGGGGCCGGGGCCCCGGGAGGGCGCGAGCA
GCCCGGTGCCGTCTGGTGTGAGCAGCGCCGACGCGGACGCGGCCCGCCGCTGCGGGG
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AAGATGGTCTCTTCCAGGGGACGTGACCGTCTACCTTTGACCAGGAGACGCCAACCC
AACGAGCTGAGCGTCCAGGCCCCCCGAGGGGACACGGACCCGTCAACGCTCCAGCG
CCCCGACACCTCCCACCCCGCACCCCGGAGATGGGTTTCCAGCAACGACAGCGGC
TTTGGAGCGAGTTTCAGTGGGCGGAGGATTTCCCCTCTCCCCCTCCAGGCCCCCCG
CTGTGTTCTCCGCTTCTCCGTCTCGCTGCGCTGGAGACCCCGGGGCCACCCGCCCG
GCCCCGACGCCCGCCGAGGCCCGTGGAGAATTGATTCCCCGAAGACCCGACCCCG
CTGCACCTCAGAAGAGGGGTTGAGAAATGGAATCCTCTGTGGATGACGGCGCCACTGCCA
CCACCGCAGACGCCGCTCTGGGGAGGCCCGGAGGCTGGGCCCTCCCCCTCCACTCCC
CTACCATGTGCCAAACGGGAGGCCCGGGCCCCCGCCCCAGCCCCCAGATGGTCCC

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CTGACCCCTGACCCCTCGGAGCCAAATGAGGCAGGAATCCCCCGCCCTCCATAGA
GAGCCGCTTTCTCGAACTGAAGTGAAGTCTTTTGGGCCTGGAGCCCTCGACACAGCG
GAGGTCCCTCCTCACCCTCCTGGCCCAAGACAGGGGCCGAGGCTTCGGGGACCCGGA
CCCCCATTTCGCGTCTCCCTTTCCCTCCCCAGCCCGGCCCTGGAGGGGCTCTGTT
CAAACCTTCGCGTGGCATTTCACATTATTTAAAAAGACAAAAACAAAAA
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Restriction Sites:	Please inquire
ACCN:	NM_001080434
Insert Size:	5000 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.
	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	NM_001080434.1 , NP_001073903.1
RefSeq Size:	4972 bp
RefSeq ORF:	4470 bp
Locus ID:	114783
Cytogenetics:	19q13.33
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane