

Product datasheet for **SC120359**

CLPTM1L (NM_030782) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLPTM1L (NM_030782) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLPTM1L
Synonyms:	CRR9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC120359 sequence for NM_030782 edited (data generated by NextGen Sequencing)

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ATGTGGAGCGGCCGACGCTCCTTACCAGCTTGGTGGTGGGCGTGTTCGTGGTCTACGTG
GTGCACACCTGCTGGGTGATGTACGGCATCGTCTACACCCGCCGTGCTCCGGCGACGCC
AACTGCATCCAGCCCTACCTGGCGCGCGGCCAAGCTGCAGCTGAGCGTGTACACCACG
ACGAGGTCCCACCTGGGTGCTGAGAACAACATCGACCTGGTCTTGAATGTGGAAGACTTT
GATGTGGAGTCCAAATTTGAAAGGACAGTTAATGTTTCTGTACCAAAGAAAACGAGAAAC
AATGGGACGCTGTATGCCTACATCTTCCATCACGCTGGGGTCTGCGGTGGCACGAC
GGGAAGCAGGTGCACCTGGTCAGTCTCTGACCACCTACATGGTCCCAAGCCAGAAGAA
ATCAACCTGCTCACCGGGGAGTCTGATACACAGCAGATCGAGGCGGAGAAGAAGCCGACG
AGTGCCCTGGATGAGCCAGTGTCCCACTGGCGACCGCGGCTGGCGCTGAACGTGATGGCG
GACAACTTTGCTTTGACGGTCTCCCTGCCTGCCGATGTGCATCGGTACATGAAGATG
ATCCAGCTGGGAAAACCGTGCATTACCTGCCATCCTGTTTCATCGACCAGCTCAGCAAC
CGCGTGAAGGACCTGATGGTCATAAACCCTCCACCACCGAGCTGCCCTCACCGTGTCC
TACGACAAGTCTCACTGGGCGGCTGCGCTTCTGGATCCACATGCAGGACGCCGTGTAC
TCCTGCAGCAGTTCGGGTTTTAGAGAAAGATGCTGATGAGGTGAAAGGAATTTTTGTA
GATACCAACTTATACTTCTGGCGCTGACCTTCTTTGTGCGACGCTTCCATCTTCTCTTT
GATTTCTGGCCTTTAAAAATGACATCAGTTTCTGGAAGAAGAAGAAGAGCATGATCGGC
ATGTCCACCAAGGCAGTGTCTGGCGCTGCTTACGACCCGTGGTTCATCTTCTGTTCTCTG
CTGGACGAGCAGACGAGCCTGCTGGTGTGGTCCCAGCGGGTGTGGAGCCGCCATTGAG
CTGTGGAAGTGAAGAAGCATTGAAGTACTATTTTTGGAGAGGCCCTGATGCCCGAA
TTTCAGTTTGGCCTTACAGCGAATCTGAGAGGAAAACCGAGGAGTACGATACTCAGGCC
ATGAAGTACTTGTACACTGCTGTACCCTCTCTGTGTCGGGGGTGCTGTCTATTCACCTC
TGAATATCAAATAAAGAGCTGGTACTCTGGTTAATCAACAGCTTCGTC AACCGGGTCT
TATGCCTTTGGTTTCTTCTCATGCTGCCCGAGCTTTTGTGAACATAAGTTGAAGTCA
GTGGCACATCTGCCCTGGAAGGCCTTACCTACAAGGCTTTCAACACCTTATTGATGAC
GTCTTTGCCCTTATCATCACCATGCCACGTCTCACCGGCTGGCCTGCTTCCGGGACGAC
GTGGTGTCTTGGTCTACCTGTACCAGCGGTGGCTTTATCCTGTGGATAAACGCAGAGTG
AACGAGTTGGGGAGTCTACGAGGAGAAGGCCACGCGGGCGCCACACGGACTGA

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Clone variation with respect to NM_030782.3

5' Read Nucleotide Sequence: >OriGene 5' read for NM_030782 unedited

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AGGGTGGATATTAGGTATAGGACTACTATAGGGCGGCNCGGATTGGCGCGAGGCGGG
GCCGNGACATGCGGGGCGGCCGGCGGTCTGCGCGCGCGGCGCATTGTTCCCCCGCGG
GGTGGCGGTGGCGCGCGGCGGCTCTCCAGTGAGCGGCGGAGCCCGGAGCGCGGGCTGG
CGCCGGCGGGCGGGGCTCGCGGCTGAGAGGCGGGCGGGCGGGGCGCCGGGCGCGGGG
CCGCCATGTGGAGCGGCCGACGCTCCTTACCAGCTTGGTGGTGGCGTGTTCGTGGTCT
ACGTGGTGCACACCTGCTGGGTGATGTACGGCATCGTCTACACCCGCCGTGCTCCGGCG
ACGCCAATGCATCCAGCCCTACCTGGCGCGGCGCCAAAGCTGCAGCTGAGCGTGTACA
CCACGACGAGGTCCCACCTGGGTGCTGAGAACAACATCGACCTGGTCTTGAATGTGGAAG
ACTTTGATGTGGAGTCCAAATTTGAAAGGACAGTTAATGTTTCTGTACCAAAGAAAACGA
GAAACAATGGGACGCTGTATGCCTACATCTTCCATCACGCTGGGTCTGCCGTGGC
ACGACGGGAAGCAGGTGCACCTGGTCAGTCTCTGACCACCTACATGGTCCCAAGCCAG
AAGATATCAACCTGCTCACCGNGAGTCTGATACACAGCAGATCGAGGCGGAGAACAACC
CGACGAGTGCCCTGGATGAGCCATTGTCCACTGGCGACCGCGGTTGGCGCTGAACGTGAT
GGCGGACAACTTTGTCTTTGACGGTCTCCCTGCCTGCCGATGTGCATCGGTCCATGAA
GATGACCCACCTGGGAAAACGTGCATACCTGCCCTTCTGTGATTTACCACCTCACCA
CGCGTGAAGGACCTGATGTACTAAACGCT

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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_030782 unedited GAATTTGCTCTTTTATGTCTAAATAAATCCTATCATGTATTACTTTCTGGAAAAGGTTA AACTCAAATATCTGAAATACTTTTATTATACCAGAGTCAAGTAAAAATGCCACAGCCAGA AAAATTTATTTTAAAAATAGAAACATACATTAAGCTTTAAAAACAACCACTCTCAAACAAA AGAGGAAAAGAGCCTTTGATCCCAGAGTCCATGCGGAATGAATCCATACGTGTTTGAAT TCACATAAGGAGCACTTAGAAAAACCACCTGAAATGGAAATCCAACAGCCCCCTTGCCTGT GAGGGCTCCCACCCCTGCCCGCTGAGGACATGGCCGAACCCCGACACTCGTGTGCCGG GAGCCACCACAGCTCAAGGTGACCGGCAGCACCCAGCTCTGTGACCAAGACAGATGTTCA CACGTGGGGGCATCGTAAGCGCTACCAGCTCCAAATCTGACGTGATGGGAACTTGGGAGA TGTCTGAGAAATGCCAAGGGATTTTGGCAACACAGAAAACGCAATGTCTAGGAATTCC TCCAAATGCTTCCAAAAATACTATTGACAATTCAAGTTGCACTTGGCTGGCGGCAGCCC GGGCGGCCTTTCAGTCCGTGTGGGGCGCCCGCTGGCCTTCTNCTCGTAGGACTCCCCAAA CTCGTTCACTCTGCGNTTATCCACAAGATATAGCCACCGCTGTTACAGGTAGACCAGAAA CACCACGTCGTCGCCGAAGCAGGCCAGCCGGTGAGACGGGGCATGGTGTATGAAAGG CAAGACGTCATCAATGAAGGTGTTGAAAGGCCTTGTAGGTGAAGCCCTCCAAGGCANAT GTGCCCTGACTTAACTTGGTATTTACAAAAACGGGGGCTGCTTAAAAGGAATCCAA GGCTTAACCCCGTTGGCAAACCTGTTGATTACCAGGATTCCAGCTCTATTTCTGTTTTTCAG GATGAATAACCACCCCGGACCAGAAAGGGTCAAAGGTTTACAAGGCTTAGGGCCGA TTTGCCCTCTGGGTTTCTCTAAATAAT
Restriction Sites:	NotI-NotI
ACCN:	NM_030782
Insert Size:	2150 bp
OTI Disclaimer:	<p>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.</p> <p>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</p>
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_030782.2 , NP_110409.2

RefSeq Size: 2165 bp

RefSeq ORF: 1617 bp

Locus ID: 81037

UniProt ID: [Q96KA5](#)

Cytogenetics: 5p15.33

Protein Families: Transmembrane

Gene Summary: The protein encoded by this gene is a membrane protein whose overexpression in cisplatin-sensitive cells causes apoptosis. Polymorphisms in this gene have been reported to increase susceptibility to several cancers, including lung, pancreatic, and breast cancers. [provided by RefSeq, Nov 2015]