

Product datasheet for **RC206866**

CLPTM1L (NM_030782) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLPTM1L (NM_030782) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CLPTM1L
Synonyms:	CRR9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC206866 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGAGCGGCCGAGCTCCTTACCAGCTTGGTGGTGGCGTGTTCGTGGTCTACGTGGTGCACACCT
 GCTGGGTGATGTACGGCATCGTCTACACCGCCGTGCTCCGGCGACGCCAACTGCATCCAGCCCTACCT
 GGCGCGCGGCCAAGCTGCAGCTGAGCGGTACACCACGACGAGGTCCACCTGGGTGCTGAGAACAAAC
 ATCGACCTGGTCTTGAATGTGGAAGACTTTGATGTGGAGTCCAAATTTGAAAGGACAGTTAATGTTTCTG
 TACCAAAGAAAACGAGAAAACAATGGGACGCTGTATGCCTACATCTTCTCCATCACGCTGGGGTCTGCC
 GTGGCACGACGGGAAGCAGGTGCACCTGGTCTGACCTACATGGTCCCAAGCCAGAAGAA
 ATCAACCTGCTCACCGGGAGTCTGATACACAGCAGATCGAGGCGGAGAAGAAGCCGACGAGTGCCTGG
 ATGAGCCAGTGTCCACTGGCGACCGCGCTGGCGCTGAACGTGATGGCGGACAACCTTTGTCTTTGACGG
 GTCTTCCCTGCCGATGTGCATCGGTACATGAAGATGATCCAGCTGGGAAAACCGTGCATTACCTG
 CCCATCTGTTCATCGACCAGCTCAGCAACCGCGTGAAGGACCTGATGGTCATAAACCGTCCACCACCG
 AGCTGCCCTCACCGTGTCTACGACAAGGTCTACTGGGGCGGCTGCGCTTCTGGATCCACATGCAGGA
 CGCCGTGACTCCCTGCAGCAGTTCCGGTTTTTCAGAGAAAGATGCTGATGAGGTGAAAGGAATTTTGTG
 GATACCAACTTACTTCTGGCGCTGACCTTCTTTGTCGACGCTTCCATCTTCTTTGATTTCTGG
 CCTTTAAAAATGACATCAGTTTCTGGAAGAAGAAGAAGAGCATGATCGGCATGTCCACCAAGGCAGTGTCT
 CTGGCGCTGCTTACGACCGTGGTATCTTTCTGTTCTGCTGGACGACGACGAGCCTGCTGGTGGTCTG
 GTCCCGCGGGGTGTTGGAGCCGCCATTGAGCTGTGGAAAGTGAAGAAGGCATTGAAGATGACTATTTTTT
 GGAGAGCCCTGATGCCCGAATTTCACTTTGGCACTTACAGCGAATCTGAGAGGAAAACCGAGGAGTACGA
 TACTCAGGCCATGAAGTACTTGTACATACCTGCTGTACCCTCTCTGTGTCGGGGGTGCTGTCTATTCACT
 CTGAATATCAAATAAAGAGCTGGTACTCCTGGTTAATCAACAGCTTCGTCAACGGGGTCTATGCCCTTG
 GTTTCCTTTCATGCTGCCCCAGCTCTTTGGAAGTACAAGTTGAAGTCAAGTGGCACATCTGCCCTGGAA
 GGCCTTACCTACAAGGCTTTCAACACCTTCAATTGATGACGCTTTTGCCTTATCATCACCATGCCACG
 TCTCACCGGCTGGCTGCTTCCGGGACGACGTGGTGTCTTCTGGTCTACCTGTACCAGCGGTGGCTTTATC
 CTGTGGATAAACGCAGAGTGAACGAGTTTGGGGAGTCTACGAGGAGAAGGCCACCGGGCGCCCCACAC
 GGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206866 protein sequence
 Red=Cloning site Green=Tags(s)

MWSGRSSFTSLVVGVFVVVVVHTCWVMYGIYVTRPCSGDANCIQPYLARRPKLQLSVYTTTRSHLGAENN
 IDLVLNVEDFDVESKFERFVNVSVPKKTRNNGTLYAYIFLHHAGVLPWHDGKQVHLSPLTTYMVPKPEE
 INLLTGESDTQIEAEKKPTSALDEPVSHWRPRLALNVMADNFVFDGSSLPADVHRMVKMIQLGKTVHYL
 PIFLIDQLSNRVKDLMVINRSTTELPLTVSYDKVSLGRLRFWIHMQDAVYSLQQFGFSEKDADEVKGFV
 DTNLYFLALTFVAAFHLLFDLAFKNDISFWKKKSMIGMSTKAVLWRCFSTVVIFLFLDEQTSLLVL
 VPAGVGAAIELWKVKKALKMTIFWRGLMPEFQFGTYSESERKTEEYDQAMKYL SYLLYPLCVGGAVYSL
 LNIKYKSWYSWLINSFVNGVYAFGFLFMLPQLFVNYKLSVAHLPWKAF TYKAFNTFIDDFAFIITMPT
 SHRLACFRDDVVFLVYLYQRWL YPVDKRRVNEFGESYEEKATRAPHTD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_030782

ORF Size: 1614 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](#)

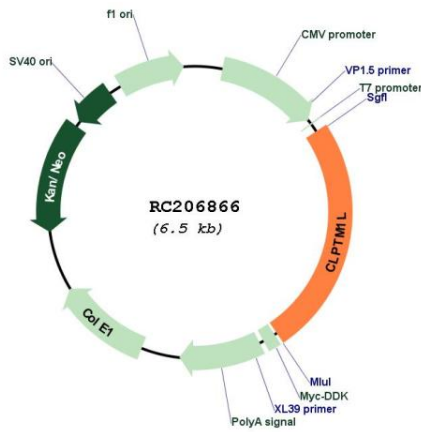
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:**
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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_030782.5</u>
RefSeq Size:	2164 bp
RefSeq ORF:	1617 bp
Locus ID:	81037
UniProt ID:	<u>Q96KA5</u>
Cytogenetics:	5p15.33
Protein Families:	Transmembrane
MW:	62.2 kDa
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]

Product images:



Circular map for RC206866