

Product datasheet for **RC239225**

CLPTM1 (NM_001282175) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLPTM1 (NM_001282175) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CLPTM1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC239225 representing NM_001282175
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTC**CCGAAAGGCTCATATAACCGAAAAGGTGACCAGCAATGGCAGCATCGGGAGGGACCCGCCAGCGG**
 AGACCCAGCCTCAGAACCACCGGCCAGCCGGCACCCAATGCCTGGCAGGTCATCAAAGGTGTGCTGTT
 TAGGATCTTCATCATCTGGGCCATCAGCAGTTGGTTCCGCCGAGGGCCGGCCCTCAGGACCAGGCGGGC
 CCCGGAGGAGCTCCACGCGTCGCCAGCCGAACCTGTTCCCAAAGACACTTTAATGAACCTGCATGTGT
 ACATCTCAGAGCAGGACACTTTACAGACTTCAACGCCACGTCGGCACTCTTCTGGGAACAGCAGCATCT
 TGTGTATGGCGACTGGACTAGCGGCGAGAAGTACAGCGCTGCTACGAGCACTTTGCTGAGCTCGATATC
 CCACAGAGCGTCCAGCAGAACGGCTCCATCTACATCCACGTTTACTTCACCAAGAGTGGCTTCCACCCAG
 ACCCCCGGCAGAAAGGCCCTGTACCGCCGGCTTGCCACAGTCCACATGTCCCGGATGATCAACAAATACAA
 GCGCAGACGATTTAGAAAACCAAGAACCTGCTGACAGGAGAGACAGAAGCGGACCCAGAAATGATCAAG
 AGGGCTGAGGACTATGGCCTGTGGAGGTGATCTCCCATTTGGCACCCCAACATCACCATCAACATCGTGG
 ACGACCACACGCCGTGGGTGAAGGGCAGTGTGCCCCCTCCCCTGGATCAATATGTGAAGTTCGACGCCGT
 GAGCGGTGACTACTATCCCATCATCTACTTCAATGACTACTGGAACCTGCAGAAGGACTACTACCCATC
 AACGAGAGCCTGGCCAGCCTGCCGCTCCGCTCTCCTTCTGCCACTCTCGCTTTGGCGCTGGCAGCTCT
 ATGCTGCCAGAGCACCAAGTCGCCCTGGAACCTCCTGGGTGATGAGTTGTACGAGCAGTCAGATGAGGA
 GCAGGACTCGGTGAAGGTGGCCCTGCTGGAGACCAACCCCTACCTGCTGGCGCTCACCATCATCGTGTCT
 ATCGTTACAGTGTCTTCGAGTTCCTGGCCTTCAAGATGATATCCAGTTCTGGAACAGCCGGCAGTCCC
 TGGAGGGCCTGTCCGTGCGCTCCGTCTTCTTGGCGTTTTCCAGTCATTCTGGTGGTCTCCTCTACATCCT
 GGACAACGAGACCAACTTCGTGGTCCAGGTCAGCGTCTTCATTGGGGTCTCATCGACCTCTGGAAGATC
 ACCAAGGTCATGGACGTCGGCTGGACCGAGAGCACAGGTGGCAGGAATCTTCCCCCGCTATCCTTCA
 AGGACAAGTCCACGTATATCGAGTCTCGACCAAGTGTATGATGATATGGCATTCCGGTACCTGTCTTG
 GATCCTCTTCCCGCTCCTGGGCTGCTATGCCGTCTACAGTCTTCTGTACCTGGAGCACAAGGGCTGGTAC
 TCCTGGGTGCTCAGCATGCTCTACGGCTTCTGCTGACCTTCGGCTTCATCACCATGACGCCCCAGCTCT
 TCATCAACTACAAGCTCAAGTCTGTGGCCACCTTCCCTGGCGCATGCTCACCTACAAGGCCCTCAACAC
 ATTCATCGACGACCTGTTGCGCTTTGTCATCAAGATGCCGTTATGTACCGGATCGGCTGCCTGCGGGAC
 GATGTGGTTTTCTTCATCTACCTCTACCAACGGTGGATCTACCGCGTCGACCCACCCGAGTCAACGAGT
 TTGGCATGAGTGGAGAAGACCCACAGCTGCCGCCCCGTGGCCGAGGTTCCACAGCAGCAGGGGCCCT
 CACGCCACACCTGCACCCACACGACACCGCCACCAGGGAGGAGGCCTCCACGTCCCTGCCACCAAG
 CCCACCCAGGGGGCCAGCTCTGCCAGCGAGCCCGAGGAAGCCCTCCAAGCCAGCAGAGGACAAGAAAA
 AGGAT

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

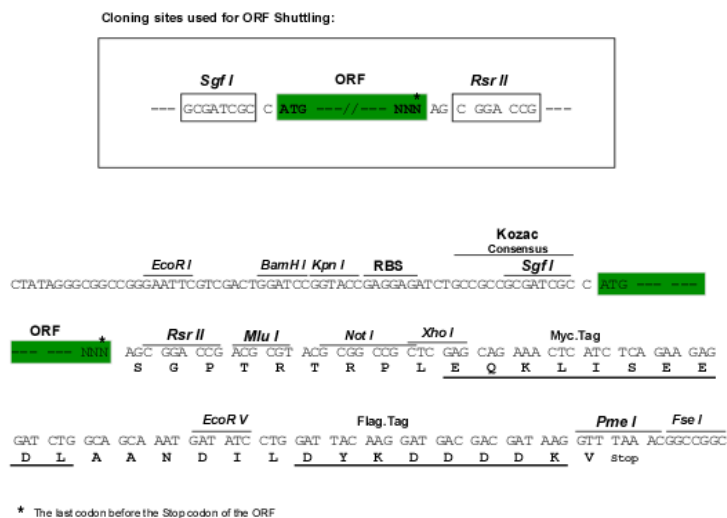
Protein Sequence: >RC239225 representing NM_001282175
 Red=Cloning site Green=Tags(s)

MSRKAHITEKVTNSGISGRDPPAETQPQNPPAQAPNAWQVIKGVLFRIIFIWAISSWFRGPAPQDQAG
 PGGAPRVASRNLFPKDTLMNLHVYISEHEHFTDFNATSALFWEQHDLVYGDWTSGENSDGCYEHFAELDI
 PQSVQQNGSIYIHVYFTKSGFHPDPRQKALYRRLATVHMSRMINKYKRRRFQKTKNLLTGETEADPEMIK
 RAEDYGPVEVISHWHPNITINIIVDDHTPWVKGSVPPPLDQYVKFDAVSGDYYPYIYFNDYWNLQKDYYPYI
 NESLASLPLRVSFCLSLWRWQLYAAQSTKSPWNFLGDELYEQSDEEQDSVKVALLETNPYLLALTIIVS
 IVHSVFEFLAFKNDIQFWNSRQSLEGLSVRSVFFGVFQSFVLLYILDNETNFVVQVSFVIGVLDLWKI
 TKVMDVRLDREHRVAGIFPRLSFKDKSTYIESSTKVYDDMAFRYL SWILFPLLGCYAVYSLLYLEHKGWY
 SWVLSMLYGFLLTFGFITMTPLQF INYKLKSAHL PWRMLTYKALNTFIDDLFAFVIKMPV MYRIGCLR
 DVVFFIYLYQRWIYRVPTRVNEFGMSGEDPTAAAPVAEVPTAAGALTPPTPTTTTATREEASTSLPTK
 PTQGASSASEPQEAPPKPAEDKKKD

SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_001282175

ORF Size: 1965 bp

OTI Disclaimer: 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: [NM_001282175.1](#), [NP_001269104.1](#)

RefSeq Size: 2498 bp

RefSeq ORF: 1968 bp

Locus ID: 1209

UniProt ID: [O96005](#)

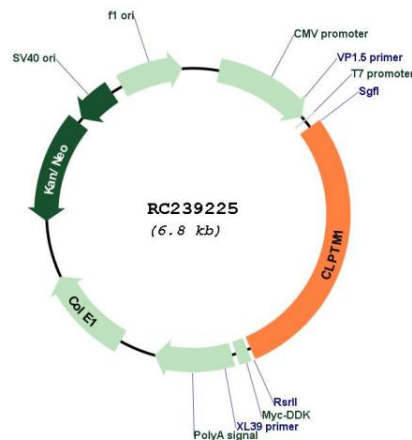
Cytogenetics: 19q13.32

Protein Families: Transmembrane

MW: 75.6 kDa

Gene Summary: May play a role in T-cell development.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC239225