

## Product datasheet for **SC122589**

### CLPTM1 (NM\_001294) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CLPTM1 (NM_001294) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLPTM1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:**

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>OriGene sequence for NM_001294 edited
GGAAGATGGCGGCGGCGCAGGAGGCGGACGGGGCCCGCAGCGCCGTGGTGGCGGCGGGG
GAGGCAGCTCCGGTCAGGTGACCAGCAATGGCAGCATCGGGAGGGACCCGCCAGCGGAGA
CCCAGCCTCAGAACCCACCGGCCAGCCGGCACCAATGCCTGGCAGGTCAAAAGGTG
TGCTGTTTAGGATCTTCATCATCTGGGCCATCAGCAGTTGGTTCGCCGAGGGCCGGCC
CTCAGGACCAGGCGGGCCCCGGAGGAGCCCCACGCGTCGCCAGCCGCAACCTGTTCCCCA
AAGACACTTTAATGAACCTGCATGTGTACATCTCAGAGCACGAGCACTTTACAGACTTCA
ACGCCACGTCGGCACTTCTCTGGGAACAGCACGATCTTGTGTATGGCGACTGGACTAGCG
GCGAGAACTCAGACGGCTGCTACGAGCACTTTGCTGAGCTCGATATCCACAGAGCGTCC
AGCAGAACGGCTCCATCTACATCCACGTTTACTTCACCAAGAGTGGCTTCCACCCAGACC
CCCGGCAGAAGGCCCTGTACCGCCGGCTTGCCACAGTCCACATGTCCCGGATGATCAACA
AATACAAGCGCAGACGATTTAGAAAACCAAGAACCTGCTGACAGGAGAGACAGAAGCGG
ACCCAGAAATGATCAAGAGGGCTGAGGACTATGGGCCTGTGGAGGTGATCTCCATTGGC
ACCCCAACATCACCATCAACATCGTGGACGACCACACGCCGTGGTGAAGGGCAGTGTGC
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TCTACTCAATGACTACTGGAACCTGCAGAAGGACTACTACCCCATCAACGAGAGCCTGG
CCAGCCTGCCGCTCCGCGTCTCCTTCTGCCCGCTCTCGCTTTGGCGCTGGCAGCTCTATG
CTGCCCAGAGCACCAAGTCGCCCTGGAACCTTCTGGGTGATGAGTTGTACGAGCAGTCAG
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TCACCATCATCGTGTCTATCGTTCACAGTGTCTTCGAGTTCCTGGCCTTCAAGAAATGATA
TCCAGTTCTGGAACAGCCGGCAGTCCCTGGAGGGCCTGTCCGTGCGCTCCGTCTTCTTTCG
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TCCAGGTCAGCGTCTTCATTGGGGTCTCATCGACCTCTGGAAGATCACCAGGTGATGG
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ACAAGTCCACGTATATCGAGTCTCGACCAAAGTATGATGATATGGCATTCCGGTACC
TGTCTGGATCCTCTTCCGCTCCTGGGCTGCTATGCCGTCTACAGTCTTCTGTACCTGG
AGCACAAGGGCTGGTACTCCTGGGTGCTCAGCATGCTCTACGGCTTCTGCTGACCTTCG
GCTTCATCACCATGACGCCCCAGCTTTCATCAACTACAAGTCAAGTCTGTGGCCACC
TTCCTGGCGCATGCTCACCTACAAGGCCCTCAACACATTCATCGACGACCTGTTCCGCT
TTGTCATCAAGATGCCCCGTTATGTACCGGATCGGCTGCCTGCGGGACGATGTGGTTTTCT
TCATCTACCTCTACCAACGGTGGATCTACCGCTCGACCCACCCGAGTCAACGAGTTTG
GCATGAGTGGAGAAGACCCACAGCTGCCGCCCGTGGCCGAGGTTCCACAGCAGCAG
GGGCCCTCACGCCACACCTGCACCCACACGACCACCGCCACCAGGGAGGAGGCCTCCA
CGTCCCTGCCACCAAGCCCACCCAGGGGGCCAGCTCTGCCAGCGAGCCCCAGGAAGCCC
CTCCAAAGCCAGCAGAGGACAAGAAAAGGATTAGTCGAGACTGGTCTCACCTGCTCCG
GCTCCTGGCGACCACTACCCCTGCGTCCCGGCCCCCTCGCTCCCTCCCTGTGCGCCTT
TCCCTGGACAGATCAGGCCGGGGCGGTGGGAGGCCCGCTCAGGTGAGGGCCAGCGTGT
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CTCTGTGTTTCCAGCCATCTCGCCCTGCCAGCCAGCACCCTGGGAATCATGGTGAAGC
TGATGCAGCGTTGCCAGGGGGTGGGTTGGGCGGGGTGGGGCCGGGCCCCCTACGGGA
TGCCACGGCCGTTATCATCTTGTCCCTCGTCCCTACCACACTCCCCCTCCTAGACC
GCCGCCCTTAAACACAGTCTGGATTTAATAAATTCATATGGGTGTTAACTTAACTCAA
AAAAAAAAAAAAAAAAA
    
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_001294 unedited NNNAAGGTCAAAATTTGTATACGACTCACTATAGGCGGCCGCGNAATTCGCACGGGGGAA GAGGCGGCGGCGCAGGAGGCGGACGGGGCCCGCAGCGCGTGGTGGCGGCGGGGGAGGC AGCTCCGGTCAGGTGACCAGCAATGGCAGCATCGGGAGGGACCCGCCAGCGGAGACCCAG CCTCAGAACCCACCGGCCAGCCGGCACCAATGCCTGGCAGGTCATCAAAGGTGTGCTG TTTAGGATCTTCATCATCTGGGCCATCAGCAGTTGGTTCCGCCGAGGGCCGGCCCTCAG GACCAGGCGGGCCCGGAGGAGCCCCACGCGTCGCCAGCCGCAACCTGTTCCCAAGAC ACTTTAATGAACCTGCATGTGTACATCTCAGAGCACGAGCACTTACAGACTTCAACGCC ACGTCGGCACTCTCTGGGAACAGCACGATCTTGTGTATGGCGACTGGACTAGCGCGAG AACTCAGACGGCTGCTACGAGCACTTTGCTGAGCTCGATATCCACAGAGCGTCCAGCAG AACGGCTCCATCTACATCCACGTTTACTTCACCAAGAGTGGCTTCCACCCAGACCCCGG CAGAAGGCCCTGTACCGCCGGCTTGCCACAGTCCACATGTCCCGGATGATCAACAATAC AAGCGCAGACGATTTAGAAAACCAAGAACCTGCTGACAGGAGAGACAGAAGCGGACCCA GAAATGATCAAGAGGGCTGAGGACTATGGGCTGTGGAGGTGATCTCCATTGGCACCCC AACATCACCATCAACATCGTGGACGACCACACGCGTGGGTGAAGGGCAGTGTGCCCCCT CCCTGGATCATATGTGAAGTTCGACGCGGTGAGCGGTGACTACTATCCCATCATCTACT TTCATGACTACTGGN
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_001294
<b>Insert Size:</b>	2476 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001294.1</a></u> , <u><a href="#">NP_001285.1</a></u>
<b>RefSeq Size:</b>	2486 bp
<b>RefSeq ORF:</b>	2010 bp
<b>Locus ID:</b>	1209
<b>UniProt ID:</b>	<u><a href="#">O96005</a></u>
<b>Cytogenetics:</b>	19q13.32
<b>Protein Families:</b>	Transmembrane

**Gene Summary:**

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

Transcript Variant: This variant (2) represents the longest transcript and encodes the longest isoform (2).