

## Product datasheet for **SC115913**

### LAPTM5 (NM\_006762) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LAPTM5 (NM_006762) Human Untagged Clone
Tag:	Tag Free
Symbol:	LAPTM5
Synonyms:	CLAST6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115913 sequence for NM_006762 edited (data generated by NextGen Sequencing)

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ATGGACCCCGCTTGTCCACTGTCCGCCAGACCTGCTGCTGCTTCAATGTCCGCATCGCA
ACCACCGCCCTGGCCATCTACCATGTGATCATGAGCGTCTTGTGTTTCATCGAGCACTCA
GTAGAGGTGGCCCATGGCAAGGCGTCTGCAAGCTCTCCAGATGGGCTACCTCAGGATC
GCTGACCTGATCTCCAGTTCCTGCTCATCACCATGCTCTTCATCATCAGCCTGAGCCTA
CTGATCGGCGTAGTCAAGAACCGGGAGAAGTACCTGCTGCCCTTCTGTCCCTGCAAATC
ATGGACTATCTCCTGTGCCTGCTCACCCTGCTGGGCTCCTACATTGAGCTGCCCGCTAC
CTCAAGTTGGCCTCCCGGAGCCGTGCTAGCTCCTCAAGTTCCCCTGATGACGCTGCAG
CTGCTGGACTTCTGCCTGAGCATCCTGACCCTCTGCAGCTCCTACATGGAAGTGCCACC
TATCTCAACTTCAAGTCCATGAACCACATGAATTACCTCCTCAGCCAGGAGGATATGCCT
CATAACCAGTTTCATCAAGATGATGATCATCTTTTCCATCGCCTTCATCACTGTCCTTATC
TTCAAGGTCTACATGTTCAAGTGCCTGTGGCGGTGCTACAGATTGATCAAGTGCATGAAC
TCGGTGGAGGAGAAGAGAACTCCAAGATGCTCCAGAAGGTGGTCTGCCGTCTACGAG
GAAGCCCTGTCTTTGCCATCGAAGACCCAGAGGGGGGCCAGCACCACCCCATACTCA
GAGGTGTGA

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Clone variation with respect to NM\_006762.2  
521 c=>t



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_006762 unedited  
 NTTTTTCANAATTTGTATACGACTCCTATAGGCGGCCCGGATTTCGGCACGAGGCCTCGT  
 GCCGAATTCGGCACGAGGGCACCATGGACCCCCGCTTGTCCACTGTCCGCCAGACCTGCT  
 GCTGCTTCAATGTCCGCATCGCAACCACCGCCCTGGCCATCTACCATGTGATCATGAGCG  
 TCTTGTGTTTCATCGAGCACTCAGTAGAGGTGGCCATGGCAAGGCGTCTGCAAGCTCT  
 CCCAGATGGGCTACCTCAGGATCGCTGACCTGATCTCCAGCTTCTGTCTCATCACCATGC  
 TTTTCATCATCAGCCTGAGCCTACTGATCGGCGTAGTCAAGAACCGGGAGAAGTACCTGC  
 TGCCCTTCTGTCCCTGCAAATCATGGACTATCTCCTGTGCCTGCTCACCTGTGGGCT  
 CCTACATTGAGCTGCCCGCTACCTCAAGTTGGCTCCCGGAGCCGTGCTAGCTCTCCA  
 AGTTCCCCCTGATGACGCTGCAGCTGCTGGACTTCTGCCTGAGCATCCTGACCCTCTGCA  
 GCTCTACATGGAAGTGCCACCTATCTCAACTCAAGTCCATGAACCACATGAATTACC  
 TCCTCAGCCAGGAGGATATGCCTCATAACCAGTTCATCAAGATGATGATCATCTTTTCCA  
 TCGCCTTCATCACTGTCTTATCTTCAAGTCTACATGTTCAAGTGCCTGTGGCGGTGCT  
 ACAGATTGATCAAGTGCATGAACCTCGGTGGAGGAGAAAGAGAAGTCCAAGAGCTCAGAAG  
 GTGGTCTGCCGTCTNACGAGAAGCCTGTCTTTCATCGAACCCCAAGGAGGGGGGCC  
 AGCACCACCCATCTNCANGAGGTGTGACCCTTCGCCAGCCAGCCCTGTGGGAAGAG  
 GGGGGGAAGCCTGCCCATATCTGCTTTTTGGCTTTGG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_006762 unedited  
 CGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGAAGCTTGTTGCTGCTTTAT  
 TGAAACTTCTCCCTGTGCGACACAAAGCAATTACACAAGGGGTATTGCCAGGGAGCTC  
 TTGCAGAGCCTTCTCCCTGTACCCCCGACAGTCCCCAGAGACCTGCCTCCGTGGCC  
 TCCACCTCTGGGTGAGCTCCCTGGAGACCCCGACACACAGGGAAGCAGGCACAGGAGGG  
 CTGTTGGGGCAAACCTCCCCAGCTGCCACAACGCCATGACCCAGTGGCAGGGTCAAGT  
 GCCACAAGGGGTTGCCTGCTTTGACTGAACTAACCTGTGGGTTTAGTCCAACGAACAG  
 ATGTGCCTGATTTAGGGCTGAATTTTTGCTTGACCACAAGCCTCGGGCAGAACAGATTC  
 GCCTATGACTGAATCGACTGAATGGATGGCCAGCGACAGCCTGGCCTGGGAATGGACTGG  
 CAGCTCATCACTAAAACTGACTCCTTTTATGGAATCCACTGTTATGCAGCCACACTGACCA  
 CAGAGCAACTGAATAGGTGAGCATTGGATTGTTGATGACAACCTTTCAGCAGAACAATTG  
 TGTGTTGAAGGGACTGTTTTATGATGAAATAACTGTTATTTCTGGAGCTAATTGTTGA  
 ATGACAGTTTGTCAACTGTTTAAATGAANTTCATTTGAATTAACAATTATACAGCCTC  
 AGAGGTCCTACATTCGCCAGAGNTGGCATCCAGNTGATGGGNTCATTGGAATTAATGTT  
 TGGNAGCTACGTGATTTTTAAATTGAATTCACACTATNCTGGGNATCTATTATCACTATC  
 TAAAGACTCATGGGTGGCTATTGAATATCATGTAGCAGCTATTTGAAGAATTGCATACTA  
 TTTTATATTTAGGGGGTACTANNTATGATTACTCGATTAATTGCATGCGN

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_006762

**Insert Size:**

2390 bp

**OTI Disclaimer:**

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).

**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).

<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>	<a href="#">NM_006762.1</a> , <a href="#">NP_006753.1</a>
<b>RefSeq Size:</b>	2232 bp
<b>RefSeq ORF:</b>	789 bp
<b>Locus ID:</b>	7805
<b>UniProt ID:</b>	<a href="#">Q13571</a>
<b>Cytogenetics:</b>	1p35.2
<b>Domains:</b>	Mtp
<b>Protein Families:</b>	Transmembrane
<b>Protein Pathways:</b>	Lysosome
<b>Gene Summary:</b>	This gene encodes a transmembrane receptor that is associated with lysosomes. The encoded protein, also known as E3 protein, may play a role in hematopoiesis. [provided by RefSeq, Feb 2009]