

## Product datasheet for RN206170

### Laptm5 (NM\_053538) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Laptm5 (NM\_053538) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Laptm5  
 Synonyms: gcd-10  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN206170 representing NM\_053538  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCCTCCCGTGCAGTGCCAGTCAGGCAGACATGCTGTTGTTTCAATGTCGGAGTTGCCACCGTAGCCC  
 TGGCCATCTACCATATAGTCATGAGCGTCTTGCTGTTTCATTGAGCATGTGGTGGAGGTGGCCCGGGTAA  
 AGTCTCCTGCAGTTCTCCAAGATGCCATACCTCAGGCTGGCTGACCTGCTCTCCAGCTTCTGCTCATC  
 GGAGTCTCTTATTATCAGCCTCAGCCTGCTGTTTCGGAGTGGTCAAGAACCAGGAGAGTACCTGATAC  
 CCTTCTGTCCTTCAAATCATGGACTTCTGCTGTGCCTGCTCACACTGTTGGGCTCCTACATCGAATT  
 ACCAGCATACCTGAAGTTTGCCTGGCCCGCCCGGCTCCTTCTAAGGTACCCTTGATGACACTGCAGCTG  
 CTGGACTTCTGTTTGGAGCATCTGACCTGTGCAGCTCCTATATGGAAGTGCCACCTACCTAACTTCA  
 AGTCCATGAACCACATGAATTACCTGCCGAGTCAGGAGGGCATGCCACGCAGCCAGTTTCAACATGAT  
 GCTCATCTTTTTCAGTGGCCTTTATCACCCTGCTCATCTGAAGGTCTACATGTTCAAGTGTGTTGGACA  
 TGCTACAGATTCATGAAGCACATGAATTCGGCCGTGGAGGACAGCAGTTCCAAGCTGTTCTAAAGGTGG  
 CTCTGCCGTCCTATGAGGAAGCCTTGCTCTGCCACTAAGACTCCAGAGGGGACCTTGACACCACCCCC  
 ATACTCGGAAGT**GTA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_053538  
 Insert Size: 786 bp



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<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>	<a href="#">NM_053538.2</a> , <a href="#">NP_445990.2</a>
<b>RefSeq Size:</b>	2170 bp
<b>RefSeq ORF:</b>	786 bp
<b>Locus ID:</b>	89783
<b>Cytogenetics:</b>	5q36
<b>Gene Summary:</b>	a lysosomal protein involved in microglial activation [RGD, Feb 2006]