

Product datasheet for **SC321578**

LAPTM4A (NM_014713) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LAPTM4A (NM_014713) Human Untagged Clone
Tag: Tag Free
Symbol: LAPTM4A
Synonyms: HUMORF13; LAPTM4; MBNT; Mtrp
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_014713.3
CGCGAAGAAGCTGGCAGGGGCACGAGCCGGGGCGGGTTGAAGACGCGTCGTTGGGTTT
TGGAGGCCGTGAAACAGCCGTTTGTAGTTGGCTGCGGGTGGAGAACGTTTGTGAGGGCC
CGGCCAAGAAGGAGGCCCGCCTGTTACGATGGTGTCCATGAGTTTCAAGCGGAACCGCAG
TGACCGGTTTCTACAGCACCCGGTCTGCGGCTGTTGCCATGTCCGACCCGGGACGATCAT
CCTGGGGACCTGGTACATGGTAGTAAACCTATTGATGGCAATTTTGTGACTGTGGAAGT
GACTCATCCAACTCCATGCCAGCTGTCAACATTCAGTATGAAGTCATCGGTAATTACTA
TTCTTCTGAGAGAATGGCTGATAATGCCTGTGTTCTTTTTGCCGCTCTGTTCTTATGTT
TATAATCAGTTCAATGCTGGTTTATGGATCAATTTCTTATCAAGTGGGTTGGCTGATTCC
ATTCTTCTGTTACCGACTTTTGTACTTCGTCCTCAGTTGCCTGGTTGCTATTAGTTCTCT
CACCTATTTGCCAAGAATCAAAGAATATCTGGATCAACTACCTGATTTTCCCTACAAAGA
TGACCTCCTGGCCTTGGACTCCAGCTGCCTCCTGTTTCATTGTTCTTGTGTTCTTTGCCTT
ATTCATCATTTTTAAGGCTTATCTAATTAAGTGTGTTTGGAACTGCTATAAATACATCAA
CAACCGAAACGTGCCGGAGATTGCTGTGTACCCTGCCTTTGAAGCACCTCCTCAGTACGT
TTTGCCAACTATGAAATGGCCGTGAAAATGCCTGAAAAAGAACCACCACCTCCTTACTT
ACCTGCCTGAAGAAATCTGCCTTTGACAATAAATCCTATACCAGCTTTTTGTTTGTGTTA
TGTTACAGAATGCTGCAATTCAGGGCTCTTCAACTTGTTGATATAAAATATGTTGCT
TTGTTTTTAAAGCATTATTTTTCAAACACTAAGGAGCTTTTTGACATCTGTTAAACGTCCTT
TTGTTTTTAAAGTCTTTTACATTTAATAGTTTTTGAAGCAATCTAGGTTAAGCA
AGAGCAAAGTGCCATTGTTTGCCTTAAATTTGGGGGTGGGAAGGAAAGGGTACTTGC
CACATAGTTTCTTTTTAACTGCACTTTCTTTATATAATCGTTTTGCATTTTGTACTTGC
TACCCTGAGTACTTTCAGGAAGACTGACTTAAATATTCGGGGTGAAGTAGTTGGGTA
TAAGATCTGAACCTTTTCATCTGCAGAGGCAAGAAAAATTTGACATTGTGACTTGACTG
TGAAGATGATGGTTGCATGTTTCTAGTTTGTATATGTTCCATCTTTGTGATAAGATGA
TTTAATAAATCTCTTTAAATACTTAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_014713
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 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.
RefSeq:	<u>NM_014713.3</u> , <u>NP_055528.1</u>
RefSeq Size:	1419 bp
RefSeq ORF:	702 bp
Locus ID:	9741
UniProt ID:	<u>Q15012</u>
Cytogenetics:	2p24.1
Domains:	Mtp
Protein Families:	Transmembrane
Protein Pathways:	Lysosome
Gene Summary:	This gene encodes a protein that has four predicted transmembrane domains. The function of this gene has not yet been determined; however, studies in the mouse homolog suggest a role in the transport of small molecules across endosomal and lysosomal membranes. [provided by RefSeq, Jul 2008]