

Product datasheet for **SC126394**

LAMP1 (BC021288) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LAMP1 (BC021288) Human Untagged Clone
Tag:	Tag Free
Symbol:	LAMP1
Synonyms:	CD107a; LAMPA; LGP120
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:

```
>OriGene sequence for BC021288 edited
GGCCCAACCGCCGCCCGCCCGCTCTCCGCACCGTACCCGGCCGCTCGCGCCATGG
CGGCCCCCGGCAGCGCCCGGCACCCCTGCTGTGCTACTGCTGTTGCTGCTGCTCGCC
TCATGCATTGTGCGTCAGCAGCAATGTTTATGGTGAAAAATGGCAACGGGACCGGTGCA
TAATGGCCAACTCTCTGCTGCCTTCTCAGTGAACACGACCAAGAGTGGCCCTAAGA
ACATGACCTTTGACCTGCCATCAGATGCCACAGTGGTGTCAACCGCAGCTCTGTGGAA
AAGAGAACAACCTTGACCCAGTCTCGTATTGCTTTTGGAAAGAGGACATACACTCACT
TCAATTTTACGAGAAATGCAACACGTTACAGCGTCCAGCTCATGAGTTTTGTTTAACT
TGTGAGACACACCTTTTCCCAATGCGAGCTCAAAGAAATCAAGACTGTGGAATCTA
TAACTGACATCAGGGCAGATATAGATAAAAAATACAGATGTGTTAGTGGCACCCAGGTCC
ACATGAACAACGTGACCGTAACGCTCCATGATGCCACCATCCAGGCGTACCTTTCCAACA
GCAGCTTACAGAGGGGAGAGACACGCTGTGAACAAGACAGGCCTTCCCAACCACAGCGC
CCCCTGCGCCACCCAGCCCTCGCCCTCACCCGTGCCAAGAGCCCTCTGTGGACAAGT
ACAACGTGAGCGGCACCAACGGGACCTGCCTGTGCGCCAGCATGGGGCTGCAGCTGAACC
TCACCTATGAGAGGAAGGACAACACGACGGTGACAAGGCTTCTCAACATCAACCCCAACA
AGACCTCGGCCAGCGGGAGCTGCGGCGCCACCTGGTGACTCTGGAGCTGCACAGCGAGG
GCACCACCGTCTGCTTCCAGTTCGGGATGAATGCAAGTTCTAGCCGGTTTTTCTAC
AAGGAATCCAGTTGAATACAATTTCTGACGCCAGAGACCCTGCCTTTAAAGCTGCCA
ACGGCTCCCTGCGAGCGCTGCAGGCCACAGTCGGCAATTCCTACAAGTGAACGCGGAGG
AGCACGTCCTGTGTCACGAAGCGCTTTTTCAGTCAATATATTCAAAGTGTGGGTCCAGGCTT
TCAAGGTGGAAGGTGGCCAGTTTGGCTCTGTGGAGGAGTGTCTGCTGGACGAGAACAGCA
TGCTGATCCCCATCGCTGTGGTGGTGCCTGGCGGGGCTGGTCTCATCGTCTCATCG
CCTACCTCGTCGGCAGGAAGAGGAGTCACGCAGGCTACCAGACTATCTAGCCTGGTGCAC
GCAGGCACAGCAGCTGCAGGGGCTCTGTTCTTCTCTGGGCTTAGGGTCTGTGGAAG
GGGAGGCACACTTTCTGGCAAACGTTTCTCAAATCTGCTTCATCCAATGTGAAGTTCATC
TTGACAGCATTTACTATGCACAACAGAGTAACTATCGAAATGACGGTGTAAATTTTGCTAA
CTGGGTAAATATTTGCTAACTGGTAAACATTAATATTTACCAAAGTAGGATTTTGAG
GGTGGGGGTGCTCTCTGAGGGGTGGGGGTGCCGCTGTCTCTGAGGGGTGGGGTGCC
GCTGTCTCTGAGGGGTGGGGTGCCGCTCTCTGAGGGGTGGGGTGCCGCTTTCTCT
GAGGGGTGGGGTGCCGCTCTCTGAGGGGTGGGGTGCTGCTCTCTCCGAGGGGTG
GAATGCCGCTGTCTCTGAGGGGTGGGGTGCCGCTCTAAATTGGTCCATATCATTGAG
TTTAGGGTCTGGTGTGGTTTCTTCTTTACTGCACTCAGATTTAAGCCTTACAA
AGGGAAAGCCTCTGGCCGTACACGTAGGACGCATGAAGGTCACTCGTGGTGAGGCTGAC
ATGCTCACACATTACAACAGTAGAGAGGGAAAATCCTAAGACAGAGGAACTCCAGAGATG
AGTGTCTGGAGCGCTTCAAGTTCAGCTTTAAAGGCCAGGACGGGCCACACGTGGCTGGCGG
CCTCGTTCCAGTGGCGCACGTCCTTGGGCGTCTCTAATGTCTGCAGCTCAAGGGCTGGC
ACTTTTTTAAATATAAAAATGGGTGTTATTTTTATTTTTTTTGTAAAGTGATTTTTGGT
CTTCTGTTGACATTCGGGGTATCCTGTCTGCGCTGTGTACAATGTGAGATCGGTGCGT
TCTCTGATGTTTTGCCGTGGCTTGGGGATTGTACACGGGACCAGCTCACGTAATGCATT
GCCTGTAACAATGTAATAAAAAGCCTCTTCTTTTAAAAAAAAAAAAAAAAAAAAAAAAA
```

5' Read Nucleotide Sequence:	>OriGene 5' read for BC021288 unedited NNCCGAGTCAGATTTTGTAAACGACTCATATAGGCGGCCGCGNATTCGGCACGAGGGGCC CAACCGCCGCCCGCGCCCCCGCTCTCCGCACCGTACCCGGCCGCTCGCGCCATGGCGGC CCCC GG CAGCGCCCGCGGACCCCTGCTGCTGCTACTGCTGTTGCTGCTGCTCGGCCTCAT GCATTGTGCGTCAGCAGCAATGTTTATGGTGAAAAATGGCAACGGGACCGCGTGCATAAT GGCCAACCTTCTGCTGCCTTCTCAGTGAACACGACACCAAGAGTGGCCCTAAGAACAT GACCTTTGACCTGCCATCAGATGCCACAGTGGTGTCAACCGCAGCTCCTGTGGAAAAGA GAACACTTCTGACCCAGTCTCGTGATTGCTTTTGAAGAAGACATACACTCACTCTCAA TTTACGAAGAAATGCACACGTTACAGCGTCCAGCTCATGAGTTTTTGTATACTGTCA GAACCACACCTTTTCCCAATGCGAGCTCCAAGAAATAAACTGGGGATCATAACTGACC TGGGGCGATTTGATAAAAAACCGTTGTTAGGGCCCCGTTCCAAAAAAAAGGGCCCAA CCCCTTTTGGCCCCCGGGGTTTTTTTTAAAAATTTTTTGGGGGAAAAACCCCT TAAAAAAAAGGGTTTTTAAAAAAGGGTGGGGACAACCACTTTTTTTTTTTTTTTG GAAAAAATTTCTGAAAAAAGGGGAACAACCCCCCTCCTCGCCGGGG GGGGGGGGGCCCCCTCCCCACAAAAAAGGGTTTTTTTTTTTTTTT AAAAAACAACACACCGGGNNCNGGGCCGCCCCCTTTCTTTAAAC
Restriction Sites:	Please inquire
ACCN:	BC021288
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).
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:	BC021288.2 , AAH21288.1
RefSeq Size:	2339 bp
RefSeq ORF:	1251 bp
Locus ID:	3916
Cytogenetics:	13q34
Protein Families:	ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Lysosome
Gene Summary:	The protein encoded by this gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. It may also play a role in tumor cell metastasis. [provided by RefSeq, Jul 2008]