

Product datasheet for **MC207314**

Lasp1 (NM_010688) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lasp1 (NM_010688) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lasp1
Synonyms: AA408629; Def-4; SH3P6; Tg(Col1a1-lacZ)1Ngma
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207314 representing NM_010688
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAACCCCTAACTGTGCCCGGTGCGGCAAGATCGTGTACCCACGGAGAAGGTGAAGTGTCTGGATAAGT
ACTGGCATAAAGCATGCTTTCACTGCGAGACCTGCAAGATGACCCCTGAACATGAAGAACAAGGGTTA
TGAGAAGAAGCCTTACTGCAATGCACACTATCCCAAGCAGTCCTTACCATGGTGGCCGACACTCCGGAA
AATCTCCGCCTAAGCAACAGAGCGAGCTGCAGAGTCAGGTGCGCTACAAGGAGGAATTTGAGAAGAATA
AGGGCAAAGGTTTCAGCGTGGTGGCAGACACGCCTGAGCTGCAGAGAATCAAGAAGACCCAGGACCAGAT
CAGCAATATCAAATACCATGAGGAGTTTGAGAAGAGCCGCATGGGGCCAGTGGAGGAGAAGGGGTGGAA
CCAGAGCGCCGAGAAGCCAGGACAGCAGCAGCTACCGGAGGCCACAGAGCAGCAGCAGCCGACGCCTC
ACCATATCCCAGCAGTGCCTCCGTGTACCAGCAGCCAGCAGCAGATGACCTCGTCTATGGTGG
GTACAAGGAGCCAGCAGCCCTGTCTCCATACAGCGCAGTGCCTCCAGGATGGGGACACCATCGTCAATG
GCAGTGTATGACTACAGCGCTGCCGACGAGGACGAGGTCTCCTCCAGGATGGGGACACCATCGTCAATG
TGCAGCAGATCGATGACGGCTGGATGTACGGACCGTAGAGCGCACCCGGTGACACGGGGATGCTGCCAGC
CAACTACGTGGAGGCCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010688
Insert Size: 792 bp



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| 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: | NM_010688.4 , NP_034818.1 |
| RefSeq Size: | 3433 bp |
| RefSeq ORF: | 792 bp |
| Locus ID: | 16796 |
| UniProt ID: | Q61792 |
| Cytogenetics: | 11 61.1 cM |
| Gene Summary: | Plays an important role in the regulation of dynamic actin-based, cytoskeletal activities. Agonist-dependent changes in LASP1 phosphorylation may also serve to regulate actin-associated ion transport activities, not only in the parietal cell but also in certain other F-actin-rich secretory epithelial cell types (By similarity).[UniProtKB/Swiss-Prot Function] |