

Product datasheet for **SC329592**

C20orf103 (LAMP5) (NM_001199897) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C20orf103 (LAMP5) (NM_001199897) Human Untagged Clone
Tag: Tag Free
Symbol: LAMP5
Synonyms: BAD-LAMP; BADLAMP; C20orf103; LAMP-5; UNC-46
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329592 representing NM_001199897.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

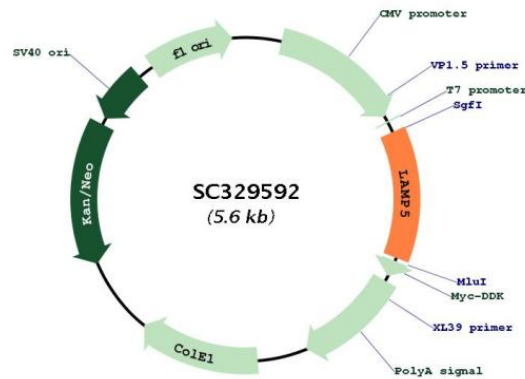
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ATGGATCTCCAAGGAAGAGGGTCCCCAGCATCGACAGACTTCGAGTTCTCCTGATGTTGTTCCATACA
ATGGCTCAAATCATGGCAGAACAAGAAGTGAAAATCTCTCAGGCCTTCCACTAACCTGAAAAAGAT
ATATTTGTGGTGCGGGAAAATGGGACGACGTGTCTCATGGCAGAGTTGCAGCCAAATTTATTGTACCT
TATGATGTGTGGGCCAGCAACTACGTAGATGAAAGCCACAACATGTCCAAGGGACCTGAGGCGACTGG
AGGCTGAGCAAAGTGCAGTTTGTCTACGACTCCTCGGAGAAAACCCACTTCAAAGACGCAGTCAGTGCT
GGGAAGCACACAGCCAACTCGCACCACCTCTGCCTTGGTCACCCCGCTGGGAAGTCCTATGAGTGT
CAAGCTCAACAAACCATTTCACTGGCCTCTAGTGATCCGCAGAAGACGGTCACCATGATCCTGTCTGCG
GTCCACATCCAACCTTTTGACATTATCTCAGATTTTGTCTTCAAGTGAAGAGCATAAATGCCAGTGGAT
GAGCGGGAGCAACTGGAAGAAACCTTGCCCTGATTTTGGGGCTCATCTTGGGCCTCGTCATCATGGTA
ACACTCGCGATTACCACGTCCACCACAAAATGACTGCCAACCCAGGTGCAGATCCCTCGGGACAGATCC
CAGTATAAGCACATGGGCTAG
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

Plasmid Map:



ACCN: NM_001199897

Insert Size: 711 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).

Reconstitution Method:

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_001199897.1](#)

RefSeq Size: 1927 bp

RefSeq ORF: 711 bp

Locus ID: 24141

UniProt ID: [Q9UJQ1](#)

Cytogenetics: 20p12.2

Protein Families: Transmembrane

MW: 26.5 kDa

Gene Summary: Plays a role in short-term synaptic plasticity in a subset of GABAergic neurons in the brain. [UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) lacks an in-frame exon in the 5' coding region, compared to variant 1, and encodes a shorter isoform (2), compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.