

## Product datasheet for **MC209394**

### Sh3gl3 (NM\_017400) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sh3gl3 (NM\_017400) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sh3gl3  
**Synonyms:** EEN-B2; Sh3d2c; Sh3d2c2; SH3P13  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC209394 representing NM\_017400  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGGTGGCTGGGCTCAAGAAGCAGTCCACAAAGCCAGCCAGCTGTTTAGTGAAAAATAAGTGGT  
 CCGAAGGAACGAAGCTAGATGAAGAATTTCTGAACATGGAAAAGAAAATAGATATCACCAGTAAAGCTGT  
 TGCAGAAATCCTTTCAAAGCCACAGAGTATCTCCAACCAATCCAGCATACAGAGCTAAGCTAGGAATG  
 CTGAACACTGTGTCGAAGCTCCGAGGGCAGGTGAAGGCCACTGGTACCCACAGACGGAAGGCTTGTCTGG  
 GGGACTGCATGCTGAAGTATGGCAAGGAGCTCGGAGAAGACTCTGCTTTTGGCAACTCGTTGGTAGATGT  
 TGGTGAGGCCCTGAAACTCATGGCTGAGGTGAAAGACTCTCTGGATTAATGTGAAGCAAACCTTTTATT  
 GACCCACTGCAGCTACTGCAAGACAAAGATTTAAAGGAGATCGGGCACCACCTGAGAAAGCTGGAAGGCC  
 GTCGCCTGGATTATGATTATAAAAAGCGCGGGTAGGTAAGATCCCCGAGGAAGAAATCAGACAAGCAGT  
 AGAGAAGTTTGAAGAGTCAAAGGAGTTGGCCGAAAGGAGCATGTTAATTTTTAGAAAAATGATGTAGAG  
 CAAGTGAAGCAGCTGGCTGTGTTGTAGAGCGGCATTAGACTATCACAGGCAGTCCACAGAGATCCTCC  
 AGGAGCTGCAGAGCAAGCTGGAGTTGCGAATATCTTTGATCCAAAGTCCCCAAGCGAGAATTCATGCC  
 AAAGCCTGTGAACATGAGTTCACCGATCCAATGGGGTCCGACCCAGCTTTCATCAAAGACACCAGGT  
 ACTGACACTCCCTCGGACCAGCCCTGCTGTCTGCTGCTCTATGACTTTGAGCCAGAAAATGAAGGAGAAT  
 TAGGATTTAAAGAAGGGGACATCATTACATTAACCAATCAGATAGATGAAAAGTGGTATGAAGGGATGCT  
 TCGTGGGGAATCCGGCTTCTCCCATTAATTACGTGGAAGTCATTGTGCCTTTACCTCCG**TAA**

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_017400



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|                               |   |
|-------------------------------|---|
| <b>Insert Size:</b>           | 1044 bp   |
| <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_017400.6</a> , <a href="#">NP_059096.3</a>   |
| <b>RefSeq Size:</b>           | 1648 bp   |
| <b>RefSeq ORF:</b>            | 1044 bp   |
| <b>Locus ID:</b>              | 20408   |
| <b>UniProt ID:</b>            | <a href="#">Q62421</a>  |
| <b>Cytogenetics:</b>          | 7 47.15 cM  |
| <b>Gene Summary:</b>          | <p>Implicated in endocytosis. May recruit other proteins to membranes with high curvature (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>         |