

## Product datasheet for **MC226340**

### Sh3gl3 (NM\_001277955) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sh3gl3 (NM\_001277955) 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:** >MC226340 representing NM\_001277955  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTGAACACTGTGTCTGAAGCTCCGAGGGCAGCTACTGCAAGACAAAGATTTAAAGGAGATCGGGCACC  
 ACCTGAGAAAGCTGGAAGGCCGTCGCTGGATTATGATTATAAAAAGCGCGGGTAGGTAAGATCCCCGA  
 GGAAGAAATCAGACAAGCAGTAGAGAAGTTTGAAGAGTCAAAGGAGTTGGCCGAAAGGAGCATGTTAAT  
 TTTTGTAGAAAATGATGTAGAGCAAGTGAGCCAGCTGGCTGTGTTTGTAGAGGCGGCATTAGACTATCACA  
 GGCAGTCCACAGAGATCCTCCAGGAGCTGCAGAGCAAGCTGGAGTTGCGAATATCTTTGCATCCAAAGT  
 CCCAAGCGAGAATTCATGCCAAGCCTGTGAACATGAGTTCCACCGATGCCAATGGGGTCGGACCCAGC  
 TCTTCATCAAAGACACCAGGTAAGTACTGACTCCCTCGGACCAGCCCTGCTGTGCTGGTCTCTATGACTTTG  
 AGCCAGAAAATGAAGGAGAATTAGGATTTAAAGAAGGGGACATCATTACATTAACCAATCAGATAGATGA  
 AAAGTGGTATGAAGGGATGCTTCGTGGGAATCCGGCTTCTTCCCATAATTACGTGGAAGTCATTGTG  
 CCTTTACCTCCG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001277955  
**Insert Size:** 645 bp



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<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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u><a href="#">NM_001277955.1</a></u> , <u><a href="#">NP_001264884.1</a></u>
<b>RefSeq Size:</b>	1449 bp
<b>RefSeq ORF:</b>	645 bp
<b>Locus ID:</b>	20408
<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 (3) contains multiple differences in the coding region, compared to variant 1, and initiates translation at a downstream in-frame start codon. The encoded isoform (3) is shorter than 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>