

Product datasheet for **MC226742**

Sh3gl3 (NM_001277954) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sh3gl3 (NM_001277954) 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: >MC226742 representing NM_001277954
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTGAACACTGTGTCGAAGCTCCGAGGGCAGGTGAAGGCCACTGGCTACCCACAGACGGAAGGCTTGC
TGGGGACTGCATGCTGAAGTATGGCAAGGAGCTCGGAGAAGACTCTGCTTTGGCAACTCGTTGGTAGA
TGTTGGTGAGGCCCTGAACTCATGGCTGAGGTGAAAGACTCTCTGGATATTAATGTGAAGCAAACCTTT
ATTGACCCACTGCAGCTACTGCAAGACAAAGATTTAAAGGAGATCGGGCACCACCTGAGAAAGCTGGAAG
GCCGTCGCTGGATTATGATTATAAAAAGCGGGGTAGGTAAGATCCCCGAGGAAGAAATCAGACAAGC
AGTAGAGAAGTTGAAGAGTCAAAGGAGTTGGCCGAAAGGAGCATGTTTAATTTTTAGAAAATGATGTA
GAGCAAGTGAGCCAGCTGGCTGTGTTTGTAGAGGCGGCATTAGACTATCACAGGCAGTCCACAGAGATCC
TCCAGGAGCTGCAGAGCAAGCTGGAGTTGCGAATATCTCTTGCATCCAAAGTCCCCAAGCGAGAATTCAT
GCCAAAGCCTGTGAACATGAGTTCACCGATGCCAATGGGGTCGGACCCAGCTTTCATCAAAGACACCA
GGTACTGACACTCCCTCGGACCAGCCCTGCTGTCGTGGTCTCTATGACTTTGAGCCAGAAAATGAAGGAG
AATTAGGATTTAAGAAGGGGACATCATTACATTAACCAATCAGATAGATGAAAAGTGGTATGAAGGGAT
GCTTCGTGGGGAATCCGGCTTCTCCCCATTAATTACGTGGAAGTCATTGTGCCTTTACCTCCGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001277954
Insert Size: 837 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). |
| OTI Annotation: | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag. |
| 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: | <u>NM_001277954.1</u> , <u>NP_001264883.1</u> |
| RefSeq Size: | 1641 bp |
| RefSeq ORF: | 837 bp |
| Locus ID: | 20408 |
| Cytogenetics: | 7 47.15 cM |
| Gene Summary: | <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 (2) uses an alternate splice site at an internal exon, compared to variant 1, and initiates translation at a downstream in-frame start codon. The encoded isoform (2) has a shorter N-terminus 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> |