

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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226340 representing NM_001277955 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCTGAACACTGTGTCTGAAGCTCCGAGGGCAGCTACTGCAAGACAAAGATTTAAAGGAGATCGGGCACC
ACCTGAGAAAGCTGGAAGGCCGTCGCTGGATTATGATTATAAAAGCGGCGGTAGGTAAGATCCCCGA
GGAAGAAATCAGACAAGCAGTAGAGAAGTTTGAAGAGTCAAAGGAGTTGGCCGAAAGGAGCATGTTAAT
TTTTTAGAAAATGATGTAGAGCAAGTGAGCCAGCTGGCTGTGTTGTAGAGGCGGCATTAGACTATCACA
GGCAGTCCACAGAGATCCTCCAGGAGCTGCAGAGCAAGCTGGAGTTGCGAATATCTCTTGATCCAAAGT
CCCCAAGCGAGAATTCATGCCAAAGCCTGTGAACATGAGTTCCACCGATGCCAATGGGGTCGGACCCAGC
TCTTCATCAAAGACACCAGGTAAGTACTGACACTCCCTCGGACCCAGCCCTGCTGTCGTGGTCTCTATGACTTTG
AGCCAGAAAAATGAAGGAGAATTAGGATTTAAAGAAGGGGACATCATTACATTAACCAATCAGATAGATGA
AAACTGGTATGAAGGGATGCTTCGTGGGAATCCGGCTTCTCCCATTAATTACGTGGAAGTCATTGTG
CCTTTACCTCCG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001277955
Insert Size:	645 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_001277955.1, NP_001264884.1</u>
RefSeq Size:	1449 bp
RefSeq ORF:	645 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 (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>