

Product datasheet for **MC226549**

Sh3gl1 (NM_001252471) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sh3gl1 (NM_001252471) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sh3gl1
Synonyms: C77078; EEN; Sh3d2b; SH3P8
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226549 representing NM_001252471
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCGGTGGCGGGCTGAAGAAGCAGTTCTACAAGGCGAGCCAGCTGGTCAGCGAGAAGGTTGGTGGG
CCGAAGGGACAACTGGATGATGACTTTAAAGATATGGAAAAGAAGGTGGATGTCACCAGCAAGGCCGT
GGCAGAGGTGCTGGTCAGAACCATAGAATATCTGCAGCCTAACCCAGCCTCGAGAGCCAAGCTGACTATG
CTGAACACCGTATCCAAGATCCGGGGCCAAGTGAAGAACCCTGGTACCCACAGTCAGAGGGTCTGTTGG
GAGAGTGCATGGTTCGCCATGGCAAGGAAGTGGAGAGTCCAACCTCGGTGATGCCCTGCTAGATGC
AGGTGAGTCCATGAAGCGCCTGGCTGAGGTGAAGGACTCACTGGACATCGAGGTCAAGCAGAAGTTCATT
GACCCACTACAGAACCTGTGTGACAAGGATCTGAAGGAGATCCAGCACCCTGAAGAAATTGGAGGGCC
GCCGCCTTGACTTTGACTACAAGAAGAAGCGCCAGGGCAAGATCCCCGATGAGGAGCTGCAGGCCCT
AGAGAAGTTCGAGGAGTCCAAGGAGGTGGCGGAGACCAGTATGCACAACCTCCTGGAGACTGATATAGAG
CAGGTGAGCCAGCTCTCGGCCCTGGTGGATGCCAGCTGGATACCACCGGCAGGCAGTGCAGATCCTGG
AGGAGCTGGCTGACAAGCTGAAGCGCAGCCTCCTCATCATT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001252471
Insert Size: 744 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_001252471.1, NP_001239400.1</u>
RefSeq Size:	1964 bp
RefSeq ORF:	744 bp
Locus ID:	20405
Cytogenetics:	17 29.11 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) lacks an exon in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, 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.</p>