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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC226742 representing NM_001277954
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGAACACTGTGTCGAAGCTCCGAGGGCAGGTGAAGGCCACTGGCTACCCACAGACGGAAGGCTTGC
TGGGGGACTGCATGCTGAAGTATGGCAAGGAGCTCGGAGAAGACTCTGCTTTTGGCAACTCGTTGGTAGA
TGTTGGTGAGGCCCTGAAACTCATGGCTGAGGTGAAAGACTCTCTGGATATTAATGTGAAGCAAACTTTT
ATTGACCCACTGCAGCTACTGCAAGACAAAGATTTAAAGGAGATCGGGCACCACCTGAGAAAGCTGGAAG
GCCGTCGCCTGGATTATGATTATAAAAAGCGGCGGGTAGGTAAGATCCCCGAGGAAGAAATCAGACAAGC
AGTAGAGAAGTTTGAAGAGTCAAAGGAGTTGGCCGAAAGGAGCATGTTTAATTTTTTAGAAAATGATGTA
GAGCAAGTGAGCCAGCTGGCTGTGTTTGTAGAGGCGGCATTAGACTATCACAGGCAGTCCACAGAGATCC
TCCAGGAGCTGCAGAGCAAGCTGGAGTTGCGAATATCTCTTGCATCCAAAGTCCCCAAGCGAGAATTCAT
GCCAAAGCCTGTGAACATGAGTTCCACCGATGCCAATGGGGTCGGACCCAGCTCTTCATCAAAGACACCA
GGTACTGACACTCCCTCGGACCAGCCCTGCTGTCGTGGTCTCTATGACTTTGAGCCAGAAAATGAAGGAG
AATTAGGATTTAAAGAAGGGGACATCATTACATTAACCAATCAGATAGATGAAAACTGGTATGAAGGGAT
GCTTCGTGGGGAATCCGGCTTCTTCCCCATTAATTACGTGGAAGTCATTGTGCCTTTACCTCCGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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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:	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:	NM_001277954.1, NP_001264883.1
RefSeq Size:	1641 bp
RefSeq ORF:	837 bp
Locus ID:	20408
Cytogenetics:	7 47.15 cM
Gene Summary:	Implicated in endocytosis. May recruit other proteins to membranes with high curvature (By similarity).[UniProtKB/Swiss-Prot Function] 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.

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