

Product datasheet for MR228551

Sh3gl3 (NM_001277955) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3gl3 (NM_001277955) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sh3gl3
Synonyms:	EEN-B2; Sh3d2c; Sh3d2c2; SH3P13
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR228551 representing NM_001277955 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGAACACTGTGTCGAAGCTCCGAGGGCAGCTACTGCAAGACAAAGATTTAAAGGAGATCGGGCACC
ACCTGAGAAAGCTGGAAGGCCGTCGCCTGGATTATGATTAAAAAGCGCGGGTAGGTAAGATCCCCGA
GGAAGAAATCAGACAAGCAGTAGAGAAGTTTGAAGAGTCAAAGGAGTTGGCCGAAAGGAGCATGTTAAT
TTTTTAGAAAATGATGTAGAGCAAGTGAGCCAGCTGGCTGTGTTGTAGAGGCGGCATTAGACTATCACA
GGCAGTCCACAGAGATCCTCCAGGAGCTGCAGAGCAAGCTGGAGTTGCGAATATCTTTGCATCCAAAGT
CCCCAAGCGAATTCATGCCAAAGCCTGTGAACATGAGTTCCACCGATGCCAATGGGGTCGGACCCAGC
TCTTCATCAAAGACACCAGGTAAGTACTGACACTCCCTCGGACCAGCCCTGCTGTGCTGGTCTCTATGACTTTG
AGCCAGAAAATGAAGGAGAATTAGGATTTAAAGAAGGGGACATCATTACATTAACCAATCAGATAGATGA
AACTGGTATGAAGGGATGCTTCGTGGGAATCCGGCTTCTCCCATTAATTACGTGGAAGTCATTGTG
CCTTTACCTCCG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR228551 representing NM_001277955
Red=Cloning site Green=Tags(s)

MLNTVSKLRGQLLQDKDLKEIGHHLRKLEGRRLDYDYKKRRVKGKIPPEEIRQAVEKFEESKELAERSMFN
 FLENDVEQVSQLAVFVEAALDYHRQSTEILQELQSKLELRISLASKVPKREFMFKPVNMSSTDANGVGPS
 SSSKTPGTDTPSDQPCCRGLYDFEPENEGELGFKEGDIITLTNQIDENWYEGMLRGESGFFPINYVEVIV
 PLPP

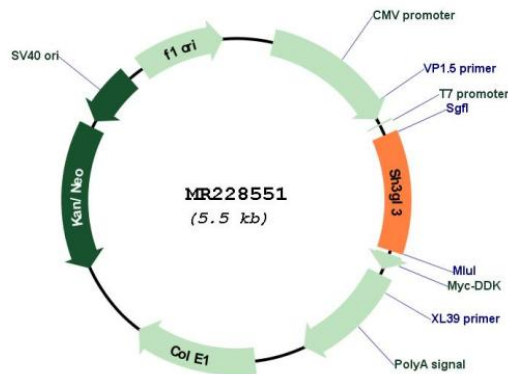
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001277955

ORF Size: 642 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001277955.2
RefSeq Size:	1449 bp
RefSeq ORF:	645 bp
Locus ID:	20408
Cytogenetics:	7 47.15 cM
MW:	24.9 kDa
Gene Summary:	Implicated in endocytosis. May recruit other proteins to membranes with high curvature (By similarity).[UniProtKB/Swiss-Prot Function]