

Product datasheet for **MG205237**

Sh3gl3 (BC027096) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3gl3 (BC027096) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Sh3gl3
Synonyms:	SH3P13, EEN-B2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205237 representing BC027096 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGTGGCTGGGCTCAAGAAGCAGTCCACAAAGCCAGCCAGCTGTTAGTGAAAAATAAGTGGT
CCGAAGGAACGAAGCTAGATGAAGAATTTCTGAACATGGAAAAGAAAATAGATATCACCAGTAAAGCTGT
TGCAGAAATCCTTTCAAAGCCACAGAGTATCTCCAACCAATCCAGCATACAGAGCTAAGCTAGGAATG
CTGAACACTGTGTCGAAGCTCCGAGGGCAGGTGAAGGCCACCGGTACCCACAGACGGAAGGCTTGCTGG
GGGACTGCATGCTGAAGTATGGCAAGGAGCTCGGAGAAGACTCTGCTTTGGCAACTCGTTGGTAGATGT
TGGTGAGGCCCTGAAACTCATGGCTGAGGTGAAAGACTCTCTGGATTAATGTGAAGCAAACCTTTTATT
GACCCACTGCAGCTACTGCAAGCAAAGATTTAAAGGAGATCGGGCACCCCTGAGAAAAGCTGGAAGGCC
GTCGCCTGGATTATGATTATAAAAAGCGCGGGTAGGTAAGATCCCCGAGGAAGAAATCAGACAAGCAGT
AGAGAAGTTTGAAGAGTCAAAGGAGTTGGCCGAAAGGAGCATGTTAATTTTTAGAAAAATGATGTAGAG
CAAGTGAGCCAGCTGGCTGTGTTGTAGAGGGCATTAGACTATCACAGGCAGTCCACAGAGATCCTCC
AGGAGCTGCAGAGCAAGCTGGAGTTGCGAATATCTCTTGCATCCAAGTCCCCAAGCGAGAATTCATGCC
AAAGCCTGTGAACATGAGTTCACCGATGCCAATGGGGTCGACCCAGCTCTTCATCAAAGACACCAGGT
ACTGACACTCCCTCGGACCAGCCCTGCTGTCGTGGTCTCTATGACTTTGAGCCAGAAAATGAAGGAGAAT
TAGGATTTAAAGAAGGGACATCATTACATTAACCAATCAGATAGATGAAAAGTGGTATGAAGGGATGCT
TCGTGGGAATCCGGCTCTTCCCATAATTACGTGGAAGTCATTGTGCCTTTACCTCCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205237 representing BC027096
 Red=Cloning site Green=Tags(s)

MSVAGLKKQFHKASQLFSEKISGAEGTKLDEEFLNMEKKIDITSKAVAEILSKATEYLQPNPAYRAKLGMLNTVSKLRGQVKATGYPQTEGLLGDCMLKYGKELGEDSAFGNSLVDVGEALKLMAEVKDSL DINVKQTFI DPLQLLQDKDLKEIGHHLRKLEGRRLDYDKRRVVGKIPPEEIRQAVEKFEESKELAERSMFNLENDVE QVSQLAVFVEAALDYHRQSTEILQELQSKLELRISLASKVPKREFMPKPVNMSSTDANGVGPSSSSKTPG TDTPSDQPCCRGLYDFEPENEGELGFKEGDIITLTNQIDENWYEGMLRGESGFFPINYVEVIVPLPP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC027096

ORF Size: 1043 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:

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: [BC027096](#), [AAH27096](#)

RefSeq Size: 1662 bp

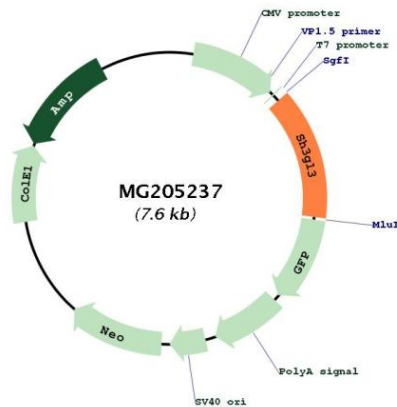
RefSeq ORF: 1043 bp

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]

Product images:



Circular map for MG205237