

Product datasheet for **RG237684**

SH3GL3 (NM_001301109) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SH3GL3 (NM_001301109) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SH3GL3
Synonyms:	CNSA3; EEN-B2; HsT19371; SH3D2C; SH3P13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237684 representing NM_001301109. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGATGGAATCTTTGCTGGGATAATATGCAATCAAGCTAATAGGTGCCTTACCTGGACCTCCCAACAG
CTATTTAGTGAAAAATAAGTGGTGCTGAAGGAACTAACTAGACGATGAATTTCTTGACATGAAAAGG
AAAATAGATGTTACCAATAAAGTTGTTGCAGAAATTTCTTCAAAAACCACTGAATATCTTCAGCCAAAT
CCAGCATACAGAGCTAAGCTAGGAATGCTGAACACTGTGTCGAAGATCCGAGGGCAGGTGAAGACCACA
GGATACCCGCAGACGGAAGGCTTGTGGGGACTGTATGCTGAAATACGGGAAGGAGCTCGGGGAAGAC
TCCACCTTTGGCAATGCATTGATAGAAGTTGGTGAATCCATGAAGCTAATGGCTGAGGTGAAAGACTCT
CTTGATATTAATGTAAAGCAAACCTTTATTGATCCAATTGACTACTACAAGATAAAGATTTAAAAGAG
ATCGGGCATCACCTGAAAAGCTGGAAGGCCGCCCTGGATTACGATTATAAAAAGAAACGAGTAGGT
AAGATACCAGACGAAGAAGTCAGACAAGCGGTAGAAAAATTTGAAGAGTCAAAGGAGTTGGCTGAAAAG
AGCATGTTAACTTTTTAGAAAAATGATGTAGAACAAGTCAGCCAGTTGGCTGTGTTTCATAGAGGCAGCA
TTAGACTATCACAGACAGTCCACAGAGATTCTGCAGGAGCTGCAGAGCAAGCTACAGATGCGAATATCA
GCTGCATCCAGTGTCCACAGACGAGAATACAAGCCAAGGCCTGTGAAAAGGAGTTCTAGTGAGCTCAAT
GGAGTTTCCACCACCTCTGTAGTGAAGACGACAGGTTCTAACATTTCCATGGACCAGCCCTGCTGTCGT
GGTCTCTATGACTTTGAGCCAGAAAACCAAGGAGAATTAGGATTTAAGAAGGGGACATCATTACATTA
ACCAATCAAATAGATGAAAACCTGGTATGAAGGAATGATACCGGAGAATCGGGATTCTTCCCATTAAAT
TACGTGGAAGTGATCGTGCCTTTACCTCAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237684
 Blue=ORF Red=Cloning site Green=Tag(s)

MDGIFAGIICNQANRCLTWTSQQLFSEKISGAEGTKLDDEFDMERKIDVTNKVVAEILSKTTEYLQPN
 PAYRAKLGMLNTVSKIRGQVKTGYPQTEGLLDGCMKYKELGEDSTFGNALIEVGESMKLMAEVKDS
 LDINVKQTFIDPLQLLQDKDLKEIGHHLKKLEGRRLDYDYKKRVGKIPDEEVRQAVEKFEESKELAER
 SMFNFLNDVEQVSQLAVFIEAALDYHRQSTEILQELQSKLQMRISAASSVPRREYKPRPVKRSSSELN
 GVSTTSVVKTTGSNIPMDQPCCRGLYDFEPENQELGFKEGDIIITLTNQIDENWYEGMIHGESGFFPIN
 YVEVIVPLPQ
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001301109

ORF Size: 1065 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.

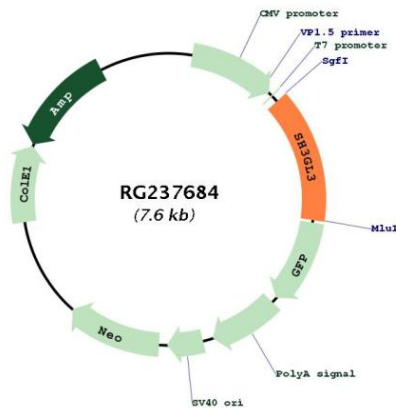
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001301109.1](#), [NP_001288038.1](#)

RefSeq Size: 2356 bp

RefSeq ORF:	1068 bp
Locus ID:	6457
UniProt ID:	Q99963
Cytogenetics:	15q25.2
Protein Pathways:	Endocytosis
MW:	40.6 kDa
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 RG237684