

Product datasheet for **SC214382**

SH3GL2 (NM_003026) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SH3GL2 (NM_003026) Human 3' UTR Clone
Symbol:	SH3GL2
Synonyms:	CNSA2; EEN-B1; SH3D2A; SH3P4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003026
Insert Size:	1411 bp



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Insert Sequence: >SC214382 3'UTR clone of NM_003026
The sequence shown below is from the reference sequence of NM_003026. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GTGGAAATTCTGTTGCCCTGCCCATAGGATGTTATGCTGGCTGGCTCGCTCCTCTTGACCCAGAT
AGTTACGGTTAACCAGTCTTTGGCAATGCTGCTTATAACACATCCCAAGTGCAGGCCGAGTGGTCCA
CGTCATCCAGCCCCACCAAGTGACTTTGGTTGACTTGTGGGCTCCACAGGAGTCATGGTGATGATGA
TATCCTCTTAGCCTGGTGGGCGTGGCATGTGCTTTTAAACATCATCTGAGACCAGCCAGTAGTCACA
GAACTGCTGTTTACACAGTTCTCAGGAGGCTGTGGTTTCTAGAATATGACCATGAGCCATTTACAGA
AAAACCATCCACCGAAGATATTGTCTATACCCAGGGGCCATCTGAAGGTCTCTTTGCATTTCTCCA
TGCAAAGAGGAGAAAGCTTTTGCTTTCACACTGTCCCTTCCCAAATATGTGAGTCATGGAATTGTCAA
GTAAGCCTTCCCTCACCAGCAAATTGTCTCCTGATCTGAATGAATTTGTCTCTTAATGCATCCATAGAA
AAGTGTTAATTGTGGGTTCAAAGCATTCTCTGCAAATAGGCATCTCAGCTCCTCACACTTATGGCTATT
TCTGACGTATAGCCAGTTTTCTTCCCTCCTTGCTATTAAAGCCAGAGCGGTAATCCAAATTATTTTTC
AGTAAGACAGTTAATCAGCATTATTGTGAGAGGGACTGAAAGAAATTTCCATTATGAGGAATTGGGA
AGAAATCTGGTATCCAAGCTTAAATTTCTTGCTATACAGAACTATGTATGTATTTAGGCTATTTCTGA
AGGGCAGAGGGAAGGGGAACAAATATCTTCACTTCAGTTTTATTTGTGAATTACATGTTTCATGAATC
CATTTGGCACAGAGACACAAGGAAGAAACACTAGTAACCATCTTCCACTAGTTCATATACTGAGAAA
CAGTAAATACCTTTCCTTCCACTTTTACCCTGTGTTCTTTGAACATCATTGTGCAGATTCTGCCCTC
AATGAGGACCAAATAAAGATGATTTTTGTGCTTAGCAGTTTAAGGTATATGGCTGCATATGCAAACTC
TTTCCCAATTCAGTCGCTACTTTTACTTCTGCCCTTTCTATCCATCGTCTTCATTTTGTGTACAGTG
CTGTGTGAAGCTTATCAGTGTGTTTTTTATTTGTATCAGTCATGAAAGTCTGTAGGTATGCAGAG
TTCTATTTATCTAGCTGTACAGACTCTTTCAGAGGTTTAACTGCTGCTTCCGATGTGCCACCTGCAGT
AGTGGATCATGTGGAGTGAAGGCAAATCTTACTGCTTAATGTATAAACTCTCACCACAGGAAGCATCG
CTGTTTCCAATAAATATTGCTGAAGACAGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_003026.5](#)

Summary: Implicated in synaptic vesicle endocytosis. May recruit other proteins to membranes with high curvature. Required for BDNF-dependent dendrite outgrowth. Cooperates with SH3GL2 to mediate BDNF-NTRK2 early endocytic trafficking and signaling from early endosomes.
[UniProtKB/Swiss-Prot Function]

Locus ID: 6456

MW: 52.3