

Product datasheet for **SC335012**

SH3GL3 (NM_001301108) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SH3GL3 (NM_001301108) Human Untagged Clone
Tag:	Tag Free
Symbol:	SH3GL3
Synonyms:	CNSA3; EEN-B2; HsT19371; SH3D2C; SH3P13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001301108, the custom clone sequence may differ by one or more nucleotides

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ATGCTGAACACTGTGTCGAAGATCCGAGGGCAGGTGAAGACCACAGGATACCCGCAGACGGAAGGCTTGC
TGGGGGACTGTATGCTGAAATACGGGAAGGAGCTCGGGGAAGACTCCACCTTTGGCAATGCATTGATAGA
AGTTGGTGAATCCATGAAGCTAATGGCTGAGGTGAAAGACTCTCTTGATATTAATGTAAGCAAACCTTTT
ATTGATCCACTTCAGTTACTACAAGATAAAGATTTAAAAGAGATCGGGCATCACCTGAAAAAGCTGGAAG
GCCGCCCTGGATTACGATTATAAAAAGAAACGAGTAGGTAAGATACCAGACGAAGAAGTCAGACAAGC
GGTAGAAAAATTTGAAGAGTCAAAGGAGTTGGCTGAAAGAAGCATGTTTAACTTTTAGAAAAATGATGTA
GAACAAGTCAGCCAGTTGGCTGTGTTTCATAGAGGCAGCATTAGACTATCACAGACAGTCCACAGAGATTC
TGCAGGAGCTGCAGAGCAAGCTACAGATGCGAATATCAGCTGCATCCAGTGTCCCAGACGAGAATACAA
GCCAAGGCCTGTGAAAAGGAGTTCTAGTGAGCTCAATGGAGTTTCCACCCTCTGTAGTGAAGACGACA
GGTTCTAACATTCATCCATGGACCAGCCCTGCTGTCGTGGTCTCTATGACTTTGAGCCAGAAAAACCAAGGAG
AATTAGGATTTAAGAAGGGGACATCATTACATTAACCAATCAAATAGATGAAAAGTGGTATGAAGGAAT
GATACACGGAGAATCGGGATTCTCCCCATTAATTACGTGGAAGTGATCGTGCCTTTACCTCAGTAA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001301108
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).



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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:	<u>NM_001301108.1, NP_001288037.1</u>
RefSeq Size:	1836 bp
RefSeq ORF:	837 bp
Locus ID:	6457
UniProt ID:	<u>Q99963</u>
Cytogenetics:	15q25.2
Protein Pathways:	Endocytosis
Gene Summary:	<p>Implicated in endocytosis. May recruit other proteins to membranes with high curvature (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (EEN-B2-L2) uses an alternate splice site, and it thus differs in its 5' UTR and initiates translation at a downstream in-frame start codon, compared to variant EEN-B2-L1. The encoded isoform (b) is shorter at the N-terminus, compared to isoform a. Variants 2, 9, and 14 all encode the same isoform (b).</p>