

Product datasheet for SC111016

SH3GL3 (NM_003027) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SH3GL3 (NM_003027) Human Untagged Clone
Tag:	Tag Free
Symbol:	SH3GL3
Synonyms:	CNSA3; EEN-B2; HsT19371; SH3D2C; SH3P13
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111016 sequence for NM_003027 edited (data generated by NextGen Sequencing)

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ATGTCGGTGGCCGGGCTGAAGAAGCAGTCCACAAAGCCAGCCAGCTATTTAGTGAAAA
ATAAGTGGTGCTGAAGGAATAAAGTAACTAGACGATGAATTTCTTGACATGGAAAGGAAAA
GATGTTACCAATAAAGTTGTTGCAGAAATCTTTCAAAAACCACTGAATATCTTCAGCCA
AATCCAGCATACAGAGCTAAGCTAGGAATGCTGAACACTGTGTCGAAGATCCGAGGGCAG
GTGAAGACCACAGGATACCCGCAGACGGAAGGCTTGCTGGGGGACTGTATGCTGAAATAC
GGGAAGGAGCTCGGGGAAGACTCCACCTTTGGCAATGCATTGATAGAAGTTGGTGAATCC
ATGAAGCTAATGGCTGAGGTGAAAGACTCTTTGATATTAATGTAAGCAAACCTTTTATT
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CTGGAAGGCCCGCCTGGATTACGATTATAAAAAGAAACGAGTAGGTAAGATACCAGAC
GAAGAAGTCAGACAAGCGGTAGAAAAATTTGAAGAGTCAAAGGAGTTGGCTGAAAGAAGC
ATGTTTAACTTTTAGAAAATGATGTAGAACAAGTCAGCCAGTTGGCTGTGTTTCATAGAG
GCAGCATTAGACTATCACAGACAGTCCACAGAGATTCTGCAGGAGCTGCAGAGCAAGCTA
CAGATGCGAATATCAGCTGCATCCAGTGTCCCCAGACGAGAATACAAGCCAAGGCCTGTG
AAAAGGAGTCTAGTGAGCTCAATGGAGTTTCCACCACCTCTGTAGTGAAGACGACAGGT
TCTAACATTCCCATGGACCAGCCTGCTGTCGTGGTCTCTATGACTTTGAGCCAGAAAAC
CAAGGAGAATTAGGATTTAAGAAGGGGACATCATTACATTAACCAATCAATAGATGAA
AACTGGTATGAAGGAATGATACACGGAGAATCGGGATTCTTCCCATAATTACGTGGAA
GTGATCGTGCCTTACCTCAGTAA

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Clone variation with respect to NM_003027.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003027 unedited
 AGTATTTTGTAAACGACTCACTATAGGGCGGCNCGCAATTCGCACGAGGCGCGTGTGT
 GCGAGTGTGACAGCGGCTGTGGCTGTGGCCGTGGCCGTGGGAGGCGGGCCCGGCGGAGCC
 CAGCCGCGGGGGACCGGCCCGGCTCCCGCTCCCGAGCGCGTCGCGGCCGCGTGGCC
 AGCCGAGCCTTGAGACCACCCGCCCTGCCGGTCGCAGTCGCGATGTCGGTGGCCGGG
 TGAAGAAGCAGTTCACAAAGCCAGCCAGCTATTTAGTAAAAAATAAGTGGTGTGAAG
 GAACTAACTAGACGATGAATTTCTTGACATGGAAGGAAAAATAGATGTTACCAATAAG
 TTGTTGCAGAAATCTTTCAAAAACCACTGAATATCTTCAGCCAAATCCAGCATACAGAG
 CTAAGCTAGGAATGCTGAACACTGTGTCGAAGATCCGAGGGCAGGTGAAGACCACAGGAT
 ACCCGCAGACGGAAGGCTTGCTGGGGACTGTATGCTGAAATACGGGAAGGAGCTCGGGG
 AAGACTCCACCTTTGGCAATGCATTGATAGAAGTTGGTGAATCCATGAAGCTAATGGCTG
 AGGTGAAAGACTCTTTGATATTAATGTAAGCAAACCTTTTATTGATCCACTTCAGTTAC
 TACAAGATAAAGATTTAAAAGAGATCGGGCATCACCTGAAAAAGCTGGAAGGCCGCCGCC
 TGGATTACGATTAAAAAGAAACGAGTAGGTAAGATACCAGACGAAGAAGTCAGACCAG
 CGGTAGANAANAATTGAAGAGTCANAGGAGNTGGCTGNAAGAAGCATGTTAACTCTTTAGA
 AATGATGTAGACAAGTCAACCAGNTGGCTGTGNTCATAGAGGCAGCATTAGACTATCACA
 GACAGTCCACAGAGATTCTGCAGGAGCTGCAGAGCAAGCTACAGATGCCGATATCAGCTG
 CATCCAGTGTCCCAGAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003027 unedited
 ACCCGGCGCCATTCTAGNATCGAGTTTTTTTTTTTTTTTTTTTGGCAACCAGTGTGCAT
 GTTTATTGGGCTATTCACAGGTAAGCTTAAAATACAATGAAAAGAAAAGACCAGACGTCA
 TCAGGAATGTCGAGAAACAAAATATTTAGCATTCTTAGTTTCAAATGTTACCATTTTCAT
 TGCAGCTGAGGAATATAGCCATTGCTTGACATAACTGCAATGGGTGAGACTTATTTTTA
 GCCACAGGAAGCAATACATTTAACCAATGACTTTTAGGACAGGAAGCAAAAAGAAAAT
 ATTTTCATGTAGCAAGGACAAGAAAATCATTATACAAATTAAGTGATATAAAAATACAT
 TATAAAGAGAGCACACATACAAAAGTCATTAAGTTGGTCAGAGAGCAAAGGATGTCACAG
 AACACCGCACTGAGAGCACACTGGTGTGAATTCATTTAGTTACGAAAGTATGTCACAG
 TTTGTGTTACACATTTACTGAGGTAAGGCACGATCACTTCCACGTAATTAATGGGGAAG
 AATCCCGATTCTCCGTGTATCATTCTTACATACCAGTTTTTCATCTATTTGATTGGTTAAT
 GTAATGATGTCCCCTTTTAAATCCTAATTCTCCTTGGTTTTCTGGCTCAAAGTCATAG
 AGACCACGACAGCAGGGCTGGTCCATGGGAATGTTAGAACCTGTCGTCTTCACTACAGAG
 GTGGTGGAAACTCCATTGAGCTCACTAGAACTCCTTTTACAGGCCTTGGCTTGTATTCT
 CGTCTGGGGCACTGGATGCAGCTGATATTCGCATCTGTAGCTTGGCTCTGCAGCTCCTGC
 AGAATCTCTGGGACCGTCTGTGATAGTCTAATGCTGCCTTTATGACCAGNCACTGGCTG
 ACTTGTCTACATATTTCTAAAGTTACCT

Restriction Sites:

NotI-NotI

ACCN:

NM_003027

Insert Size:

1570 bp

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).

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_003027.1 , NP_003018.1
RefSeq Size:	1500 bp
RefSeq ORF:	1044 bp
Locus ID:	6457
UniProt ID:	Q99963
Cytogenetics:	15q25.2
Domains:	SH3, BAR
Protein Pathways:	Endocytosis
Gene Summary:	Implicated in endocytosis. May recruit other proteins to membranes with high curvature (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (EEN-B2-L1) encodes isoform a.