

Product datasheet for **SC104760**

SH3BP5L (AK056345) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SH3BP5L (AK056345) Human Untagged Clone
Tag:	Tag Free
Symbol:	SH3BP5L
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AK056345, the custom clone sequence may differ by one or more nucleotides

ATGCACAACGCTGCTCGAGAAATGGTGTGTTGGCTGAGCAGGGCGTCATGGCTGACAAGAACCGACTGG
 ACCCCACGTGGCAGGAGATGCTGAACCATGCTACCTGCAAGGTGAATGAGGCGGAGGAAGAGCGGCTTCG
 AGGTGAGCGGGAGCACCAGCGAGTGAATCGGCTGTGCAACAGGCTGAGGCTCGGGTCCAAGCCCTGCAG
 AAGACCCTCCGGAGGGCCATCGGCAAGAGCCGCCCTACTTTGAGCTCAAGGCCAGTTGAGCCAGATCC
 TGGAGGAGCACAAGGCCAAGGTGACAGAACTGGAGCAGCAGGTAGCTCAGGCCAAGACGCGCTACTCCGT
 GGCCCTTCGTAACTGGAGCAGATCAGCGAGCAGATTACGCACGGCGCCGCGGGGTCTGCCTCCCCAC
 CCCCTGGGCCCTCGGCGCTCCTCCCCGTGGGGGCCGAGGCAGGACCCGAGGACATGGAGGACGGAGACA
 GCGGGATTGAGGGGGCCGAGGGTGCGGGGCTGGAGGAGGGCAGCAGCCTGGGGCCCGCCCCGCCCGCGA
 CACCGATACCCTGAGTCTGCTGAGCCTGCGCACGGTGGCTTCAGACCTGCAGAAAGTGCAGTCCGTGGAG
 CACTTGCGAGGCCTCTCGGACCAGTCAGTCTGGACGGCCAAGAGCTGGGAACGCGGAGTGGAGGGCGCC
 GGGGCAGCGACGGCGGAGCCCGTGGGGTGGCACCGAGCGCAGCGTCAGCCTGTAG



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5' Read Nucleotide Sequence:

>OriGene 5' read for AK056345 unedited
 NGGTAACCGTACAAAATTTGTATACGACTACTATAGGCGGCCGCGNAATTCGCACCAGN
 AGAGGAGGAAGAACTGGCTCCTAGAATACAGGAGGAGTTGGAGCACCTGAACCAGGCCAG
 CGAGGAGATCAACCAGGTGGAATACAGCTGGATGAGGCCAGGACCACCTATCGGAGGAT
 CCTACAGGAGTCGGCGAGGAACTGAATACACAGGGTTCCCACTTGGGGAGCTGCATCGA
 GAAAGCCCGGCCCTACTATGAGGCTCGGCGGCTGGCTAAGGAGGCTCAGCAGGAGACACA
 GAAGGCAGCGCTGCGGTACGAGCGGGCCGTAAGCATGCACAACGCTGCTCGAGAAATGGT
 GTTTGTGGCTGAGCAGGGCGTCATGGCTGACAAGAACCAGCTGGACCCACGTCGGCAGGA
 GATGCTGAACCATGCTACCTGCAAGGTGAATGAGGCGGAGGAAGAGCGGCTTCGAGGTGA
 GCGGGAGCACCAGCGAGTGACTCGGCTGTGCCAACAGGCTGAGGCTCGGGTCCAAGCCCT
 GCAGAAGACCCTCCGAGGGGCCATCGGCAAGAGCCGCCCTACTTTGAGCTCAAGGCCCA
 GTTCAGCCAGATCCTGGAGGAGCACAAGGCCAAGGTGACAGAAGTGGAGCAGCAGGTAGC
 TCAGGCCAAGACGCGCTACTCGTGGCCCTTCGTAACCTGGAGCAGATCAGCGAGCAGAT
 TCACGCACGGCGCCCGCGGGGTCTGCCTCCCCACCCCTGGGCCCTCGGCGCTCCTCCC
 CCGTGGGGGCCGAGGCAGGACCCGAGACATGGNAGACGAGACAGCGGGATTGAGGGGC
 CCCAGGTGCCGGCTGNAAGAGGGCAACAACCTGGGGGCCCGGCC

3' Read Nucleotide Sequence:

>OriGene 3' read for AK056345 unedited
 NNNNCGCCCTACTATGNACCGCGGCACGCAATCTAAGATCGATTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTTAACTGTTACAAAACTACTTTATTTAAATAAAACCAGGG
 AAAGACCTTTCCCTTACACACCAGCACATGCACACGCACACCCACACCCTCCCTC
 CCTTCGGCTGTCTGCCATGGCCACCTCAAACCCGAGGTTCTCATTGGGACCAACCTC
 CCTCAACCTGTAAACCCCGTCAAAAGTCCAGTTGCCACGCATCCCGTTGCTGGCAAA
 ACATGGGCCTAAAAAAAACACTCCATCTTCTGGGGGGGTCAAAGGAAAGACTGGTT
 CTCCCAAGGCACCAAAATCTGGGGGGGTCCCTACAACTGGGAGCACTGCCAGGCAGC
 TGGAGCTGCTCCCTGCGAGGGGCAAACTTTTACCCCAAGCCAACCCCTCCCTGTAAACA
 AAGGAAGTAAAAAGGTTGGCAGCCAAGCTTCAGTGTGCCCGAGGGATCCTGCAGTAGGT
 ATTTTCAGTTTGGGAAAAACAAGGAGAGCAATTGAGCACCAAAATCCCTAACCCCGTC
 CTGCAGGAAGGTGCTGAGTCAGTTCAACATCCTTACCCAGAAAAAGTAAACACAAGTGT
 GCAGCAAGAGTGAGGTGGGAATGACAGGGGCCTAAGCCTTCAGGACCTCATGACTTCAC
 CCCCACATGGGCCCTCTTAAGGACCCACTAGCACCTTGGAATGTTGAGGACCCAGCCC
 AGCGGAAACACCATACCCACAGGAGCCAGTCTGGAGTTGGGGATGCTCCCTATGTTGAC
 AAGGGGGTTGGGTTT

Restriction Sites:

NotI-NotI

ACCN:

AK056345

Insert Size:

2500 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:	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:	AK056345.1 , BAB71158.1
RefSeq Size:	2367 bp
RefSeq ORF:	2367 bp
Locus ID:	80851
Cytogenetics:	1q44
Domains:	SH3BP5
Gene Summary:	Functions as guanine nucleotide exchange factor (GEF) for RAB11A.[UniProtKB/Swiss-Prot Function]