

Product datasheet for **SC307842**

STAC2 (NM_198993) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: STAC2 (NM_198993) Human Untagged Clone
Tag: Tag Free
Symbol: STAC2
Synonyms: 24b2; 24b2/STAC2
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_198993 edited
 GAATTCATGACCGAGATGAGCGAGAAGGAGAACGAACCGGATGACGCGGCCACCCACAGC
 CCCCAGGGACCGTCTCCGCCCTCCAGGAAACCAAGCTCCAGCGATTCAAGCGCTCCCTC
 TCCTCAAGACCATCCTCCGAAGTAAGAGCTTGGAGAACTTCTTCTTCCGCTCGGGCTCT
 GAGCTCAAGTGCCCCACCGAGGTGCTGCTGACGCCCCAACCCCACTGCCCTCCCTCC
 CCACCACCACAGCCTCGGACAGGGCCTGGTACCCCATCCCCCTCCCATGCCAGTC
 CCACGCCCCCTGGCAGCGCTCAAACCAAGTGAAGGCTGCACAGCTTCCAGGAACATGTCTT
 AAGCGAGTAGCCCTTGTGAGCTGTGCCACCAGCTCATCGTAGGAAACTCAAACAGGGC
 TTGCGATGTAAGATGTGCAAAGTCAGCGTCCACCTCTGGTGTCTGAGGAGATCTCCAC
 CAGCAATGCCAGCAAGACGTCCACCTCTTCCGCCCAACTTCAGTTCCTCTCTCTG
 TGCAATGAGCCGCCACCAAGTCTGTGCCACAAGCAAAGAGTCCCCACCCACTGGGGACAGT
 GGAAGGTGGACCTGTCTACGAGACCCTGCGCTATGGCACCTCCCTGGCACTGATGAAC
 CGCTCCAGTTTACGACAGCCTCTGAGTCCCCGACAAGGAGCCTGAGTGAGCGGGATGAG
 CTGACCGAGGATGGGGAAGGCAGCATCCGCAGCTCTGAGGAGGGGCTGGTGACAGTGCA
 TCTCCAGTATTCACAGCCCCAGCAGAGAGTGAAGGGCCAGGACCAGAGGAGAAGAGTCT
 GGACAGCAGCTCCCCAAGCCACCCTGCGGAAGGATGTGGGGCCCATGACTCCTACGTT
 GCACTCTACAAGTTTCTGCCCAAGGAGAACAATGATCTGGCTCTGCAGCCTGGAGATCGG
 ATCATGCTGGTGGATGACTCTAACGAGGACTGGTGAAGGGCAAGATCGGCGACCGGTT
 GGCTTCTCCAGCTAATTTTGTGCAACGGGTGAGGCCAGGCGAGAATGTTTGGCGTGC
 TGCCAACCTTCTCCGGGAACAAGGAACAGGGTTACATGAGCCTCAAGGAGAACCAGATC
 TGCGTGGGCGTGGGCAGAAAGCAAGGATGCTGACGGCTTATCCGCGTCAGCAGTGGAAG
 AAGCGGGGCTGGTGCCAGTCGACGCCCTGACTGAGATCTGAGAGGAGCCAAGGGAACCC
 AGATGACACCCTTGCCCATGCCTGGACCTTGCTTCTGGCCAGGGAGGGGATCAGGCCCC
 TTGTCCACTCCATACCCTTCTCCCTCTGTAAGGGCGAATTC



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_198993 unedited TACCACTTGTATACGACTCCTATAGGGCGGCCGGAATTCATGACCGAGATGAGCGAGAA GGAGAACGAACCGGATGACGCGGCCACCCACAGCCCCAGGGACCGTCTCCGCCCTCCA GGAAACCAAGCTCCAGCGATTCAAGCGCTCCCTCTCCCTCAAGACCATCTCCGAAGTAA GAGCTTGGAGAATTCTTCTTCGCTCGGGCTCTGAGCTCAAGTGCCCCACCGAGGTGCT GCTGACGCCCCAACCCACTGCCCCCTCCCTCCCCACCACCCACAGCCTCGGACAGGGG CCTGGCTACCCCATCCCCCTCCCATGCCAGTCCCACGCCCCCTGGCAGCGCTCAAACC AGTGAGGCTGCACAGCTTCCAGGAACATGTCTTCAAGCGAGCTAGCCCTTGTGAGCTGTG CCACCAGCTCATCGTAGGAAACTCCAAACAGGGCTTGCATGTAAGATGTGCAAAGTCAG CGTCCACCTCTGGTGCTCTGAGGAGATCTCCACCAGCAATGCCAGGCAAGACGTCCAC CTCCTTCCGCCCAACTTCAGTTCCTCTCCTGGTGATGAGCCGCCACCAGTCTGTGC CACAAGCAAAGAGTCCCCACCCACTGGGACAGTGGGAAGGTGGACCCTGTCTACGAGAC CCTGCGCTATGGCACCTCCCTGGCACTGATGAACCGCTCCAGTTTCAGCAGCACCTCTGA GTCCCCGACAAGGAGCCTGAGTGAGCGGGATGAGCTGACCGAGGATGGGAAAGGCAGCA TCCGCAGCTCTGAGGAGGGCCCTGGTGACAGTGCATCTCCAGTATTCACAGCCCCAGCAG AGAGTGAAGGGCCAGGACCAGGAGGAGAAGAGTCTGGACAGCAGCTCCCAAAGCCACC CTGCGAGATGTGGGGGCCATGTACTCTACGTTGCACTCTACAGTTTCTGCCAGAGACA TGATCTGCTCTGCAGCCTGGAGAAATCGGAT
Restriction Sites:	Please inquire
ACCN:	NM_198993
Insert Size:	1500 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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_198993.2 , NP_945344.1
RefSeq Size:	3227 bp
RefSeq ORF:	1236 bp
Locus ID:	342667
UniProt ID:	Q6ZMT1
Cytogenetics:	17q12

Gene Summary:

This gene encodes a protein containing an SH3 domain and a zinc finger domain. The encoded protein has been shown to regulate calcium channel inactivation in a human cell line. Reduced expression of this gene has been observed in human heart failure. [provided by RefSeq, May 2017]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).