

Product datasheet for **SC126229**

STAC3 (BC008069) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STAC3 (BC008069) Human Untagged Clone
Tag:	Tag Free
Symbol:	STAC3
Synonyms:	9830125E18; MGC2793; SH3 and cysteine rich domain 3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC008069 edited
 CACCAAGGCAGGAGGCTAGGAGGTCTACAAATAGCGACTGGGTAGCTGGTGTGAACACAG
 GGGGACTGGGGGGGCTTAGCCCCAAGGAAGAGGACCAGTTTTTCCCAGCACCACCAT
 CAAGGCCCTCGAGGCTCCCAGCTCCCTCTACAGCCTGTGGACTGACTTAGGGAATCCCGAA
 CCTACAGCGGCTAAAGCAGTTACTCAGGAAGGGTCTACAGGGACAAAGGAGATGGAAC
 TCCCCAGAGCCCAGGCCAATGGGGAGGCAGTGGGAGCTGGGGTGGGCCCATCTACTA
 CATCTATGAGGAAGAGGAAGAGGAAGAAGAGGAGGAGGAGGCCACCCCAAGAACCTCC
 TAAGCTGGTCAACGATAAGCCCCACAAATTCAAAGATCACTTCTTCAAGAAGCCAAAGTT
 CTGTGATGTCTGTGCCCGATGATTGTTCTCAACAACAAGTTTGGGCTTCGCTGTAAAGAA
 CTGCAAAACCAACATCCATGAACACTGTGAGTCTATGTGAAATGCAGAGATGCTTCGG
 CAAGATCCCACCTGGTTTCCATCGGGCCTATAGTTCCCCTACTACAGCAACCAGCAGTA
 CGCTTGTGTCAAAGATCTCTGCTGCCAATCGCAATGATCCTGTGTTTGAACCTGCG
 CACTGGGTGATCATGGCAACAAGGAACGGAAGAAGGGACAGGCAGATAAGAAAAATCC
 TGTAGCAGCCATGATGGAGGAGGAGCCAGAGTCGGCCAGACCAGGAAGGCAAAACCCCA
 GGATGGAACCCCTGAAGGGGATAAGAAGGCTGAGAAGAAGACACCTGATGACAAGCACAA
 GCAGCCTGGCTTCCAGCAGTCTCATTACTTTGTGGCTCTCTATCGGTTCAAAGCCCTGGA
 GAAGGACGATCTGGATTTCCCGCCAGGAGAGAAGATCACAGTCATTGATGACTCCAATGA
 AGAATGGTGGCGGGGAAAATCGGGGAGAAGGTCGGATTTTTCCCTCAAACCTTCATCAT
 TCGGGTCCGGGCTGGAGAACGTGTGCACCGCGTGACGAGATCCTTCGTGGGGAACCGCGA
 GATAGGGCAGATCACTCTCAAGAAGGACCAGATCGTGGTGCAGAAAGGAGACGAAGCGGG
 CGGCTACGTCAAGGTCTACACCGGCCGCAAGGTGGGGCTGTTTCCACCGACTTTCTAGA
 GGAAATTTAGGCGTGGGGCGCCTGCAAGCGGGAGACACCCACACCCATTCTGGGCGGG
 CCCAGTGGAGTTTGGGGAGGGGGCGAAAGCAACGGGACTGCTGGGAGAGGAGGGGTAGG
 AAGGCCCGCCTGAGCGCGACGGGGCTTCCGGGAAGGGACTGTTTCTCGCCCTTCCCA
 GCCTGGGGCCTCGGATACCTGCTGCCAGAGCAGCCGGACCCGAAACCTTTAGGCCCC
 GCTTGCAAGAGCTGGAACAAAAACGCGTATCTACTAGGAGGAGCCAGGGACTGGGGCGGG
 GGCGGGGCGAGGGAGGGCGAACTGTGCAATGTTGCGAATTTATTAACCTTTTGACAAA
 CTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: NotI-NotI

ACCN: BC008069

Insert Size: 1600 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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: [BC008069.2](#), [AAH08069.1](#)

RefSeq Size: 1591 bp

Locus ID: 246329

Cytogenetics: 12q13.3

Gene Summary: The protein encoded by this gene is a component of the excitation-contraction coupling machinery of muscles. This protein is a member of the Stac gene family and contains an N-terminal cysteine-rich domain and two SH3 domains. Mutations in this gene are a cause of Native American myopathy. [provided by RefSeq, Nov 2013]