

Product datasheet for SC306215

STAC3 (NM_145064) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STAC3 (NM_145064) Human Untagged Clone
Tag:	Tag Free
Symbol:	STAC3
Synonyms:	MYPBB; NAM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306215 representing NM_145064. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACAGAAAAGGAGGTGCTGGAGTCCCCTAAGCCCTCCTTCCAGCAGAGACTCGGCAAAGTGGGCTA
CAGCGGCTAAAGCAGTTACTCAGGAAGGTTCTACAGGGACAAAGGAGATGGAACCTCCCCAGAGCCC
CAGGCCAATGGGAGGCAGTGGGAGCTGGGGTGGGCCCATCTACTACATCTATGAGGAAGAGGAAGAG
GAAGAAGAGGAGGAGGAGGCCACCCCAAGCTCCTAAGCTGGTCAACGATAAGCCCCACAATTC
AAAGTCACTTCTCAAGAAGCCAAAGTCTGTGATGTCTGTGCCGGATGATTGTTCTCAACAACAAG
TTTGGGCTTCGCTGAAGAACTGCAAAACCAACATCCATGAACACTGTCAGTCTATGTGAAATGCAG
AGATGCTTCGGCAAGATCCCACCTGGTTTCCATCGGGCCTATAGTTCCCACTCTACAGCAACCAGCAG
TACGCTTGTGTCAAAGATCTCTCTGCTGCAATCGCAATGATCCTGTGTTGAAACCTGCGCACTGGG
GTGATCATGGCAAACAAGGAACGGAAGAAGGGACAGGCAGATAAGAAAAATCCTGTAGCAGCCATGATG
GAGGAGGAGCCAGAGTCGGCCAGACCAGAGGAAGGCAACCCAGGATGGAAACCTGAAGGGGATAAG
AAGGCTGAGAAGAAGACACCTGATGACAAGCACAAGCAGCCTGGCTTCCAGCAGTCTCATTACTTTGTG
GCTCTCTATCGGTTCAAAGCCCTGGAGAAGGACGATCTGGATTTCCCGCCAGGAGAGAAGATCACAGTC
ATTGATGACTCCAATGAAGAATGGTGGCGGGGAAAAATCGGGGAGAAGGTCGGATTTTCCCTCCAAC
TTCATCATTCCGGTCCGGCTGGAGAACGTGTGCACCGGTGACGAGATCCTTCGTGGGAAACCCGAG
ATAGGGCAGATCACTCTCAAGAAGGACCAGATCGTGGTGCAGAAAGGAGACGAAGCGGGCGGCTACGTC
AAGGTCTACACCGCCGCAAGGTGGGGTGTTCACCGACTTTCTAGAGGAAATTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

Plasmid Map: □



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ACCN:	NM_145064
Insert Size:	1095 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:	<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_145064.2</u>
RefSeq Size:	1668 bp
RefSeq ORF:	1095 bp
Locus ID:	246329
UniProt ID:	<u>Q96MF2</u>
Cytogenetics:	12q13.3
MW:	41.5 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>