

Product datasheet for **SC115306**

SAC3D1 (NM_013299) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SAC3D1 (NM_013299) Human Untagged Clone
Tag:	Tag Free
Symbol:	SAC3D1
Synonyms:	HSU79266; SHD1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115306 sequence for NM_013299 edited (data generated by NextGen Sequencing)

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ATGCCCCGGCTGCGAGCTGCCCGTGGGCACCTGCCCGACATGTGCCCGGCCCGAGCGC
GCCCAGCGCGAAAGGGAGCACCGCCTGCACCGCTTGGAGGTGGTGCCGGGTTGCCGCCAG
GACCCGCCCCGCGCGGATCCGCAGCGCGCGGTGAAGGAGTACAGCCGACCCGCGCCGGC
AAGCCCCGGCCCCCGCCAGCCAGTTGCGTCCGCCCTCCGTGCTGCTGGCCACCGTGCGC
TACCTGGCCGGTGAGGTGGCGGAGAGCGCCGACATCGCCTGCGCCGAGGTGGCCAGCTTC
GTGGCAGACCGCTTGCGAGCTGTGCGCCTGGACCTGGCGCTGCAGGGAGCGGGCAGCC
GAGGCAGCGGTGGTGTGGAGGCGGCGCTGGCCACGCTGCTGGCCGTAGTGGCGCGGCTC
GGGCCCCAGCGCGCGGGGACCCGCGGACCCGGTGTGCTGCAGGCCAGGTGCAGGAG
GGCTTCGGCTCGCTGCGGCGCTGTACGCGCGGGGCGCCGGGCCGACCCCGCCAACCC
GCCTTCCAGGGCCTCTTTCTGCTCTATAACCTGGGCTCGGTGGAAGCCCTGCATGAGTT
CTACAGCTGCCTGCTGCCTGCGCGCCTGCCCGCCCCTCCGCAAGGCCTTGGCGGTAGAT
GCTGCCTTCCGAGAGGGCAATGCTGCCCGCCTGTTCCGTCTGCTCCAGACCCCTGCCTAC
CTGCCAAGTTGCGCTGTGCAAGTGCATGTGGGCCATGCCCGCCGGGAAGCCCTGGCCCCG
TTCGCTCGTGCCTTTAGCACCCCAAGGGCCAGACCTTGCCCTCTGGGCTTCATGGTCAAC
CTCTTGGCCCTGGATGGACTCAGGGAAGCACGGGACCTGTGCCAGGCCACGGGTGCC
TTGGACGAGAGGAGAGAGATTGTGTTCTGAGGGTTCGCTACGTGGAGGAAGGGCTACCG
CCTGCCAGTACGTGCAAGGTGTTAGTGGAGAGCAAACCTCGAGGACGTACCCTGGAGGAG
GTGGTCATGGCAGAGGAGGAAGATGAGGGCACGGACAGACCTGGGTCCCCAGCCTGA

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Clone variation with respect to NM_013299.3
280 c=>t;326 t=>g;369 t=>g;403 a=>g



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_013299 unedited GAATTTGTAATACGACTCACTATAGGGCGGCCGCGCCGAACCTGAACTTGGCGCTCGAGGG GGCCGTTAGCCGCCCTAACTACGCGCGGAGCCGCAGAGGCGCAGCTGGACTACAACGCAC TGCATCTCGGGAGGCCAACTCGACTGGACTGGCCCCCTCATGCCCGGCTGCGAGCTGCC GTGGGCACCTGCCCGACATGTGCCCGGCCGCGAGCGCCCTAGCGCGAAAGGGAGCAC CGCCTGCACCGCTTGGAGGTGGTCCCGGTTGCCGCCAGGACCCGCCCGCCCGCCAGC CAGCGCGCGGTGAAGGAGTACAGCCGACCCGCCCGCCGCAAGCCCGGCCCGCCAGC CAGTTGCGTCCGCCCTCGTGCTGCTGGCCACCGTGCCTACCTGGCCGGTGAGGTGGCG GAGAGCGCCGACATCGCCTGCGCCGAGGTGGCCAGCTTCGTGGCAGACCGCTTGCAGCT GTGCGCTGGACCTGGCCTGCAGGGAGCGGGCAGCCGAGGCAGCGGTGGTGTGGAG GCGGGCTGGCCACGCTGCTGGCCGTAGTGGCGCGCTCCGGCCGACGCGGCGCGGNGA CCCGACGACCCGGTGTCTGCTGCAGGCCAGGTGCAGGAGGGCTTCGGCTCGCTGCACCGC TGCTACGCGGGNGCGCCGGGCCNACCCCGCAACCCGNCCTTTCAGGGCTCTTTCTG CTCTATAACCTGNGCTCGGTGAAAGCCTGCATGAGGNTCTACAGCTGCCTGCTGNCCTG CGCGCTGCCCGCCCTNCGCAGGGCCTTGNCGGTAGATGCTNGCCTTCCGAGAGGGGC ATGCTGCCCGCTGGTNGTCTGCTCCAGACCCTGNNCCTACTGNCAGTTGCGCTGTGCA GTGCCATGTTGGCCATGCCCGCCGNAAGCCCTGGCCCGTTCGCTCGTGCCTTTACACC CCCAGGNCCAGACTTTGCTCTGGGCTCATGGNCAACTCTGNCCCTGATN</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_013299 unedited NAAAGTAACACTATGNACGCGGCCGAATCTATGATCGGTTTTTTTTTTTTTTTTTTTTTT TNTACCCAACAAAACAAGTTCCCTTTTATTATCCTGGGAAACCATGGGAAAAAGAAACC TAAGTGCTCTGGCCAGTCTGGGGCTCTGGGAGGCTCACGCTCCCTCCTCAGGCTGGGG ACCCAGGTCTGTCCGTGCCCTCATCTTCTCCTCTGCCATGACCACCTCCTCCAGGGTAC GTCCTCGAAGTTTGCTCTCCACTAACACCTTGACGTAAGTGGCAGGCGGTAGCCCTTCT CCACGTAGCGACCCCTCAGGAACACAACCTCTCTCCTCCTCCGTCGAAGGGCAGCCCGTGG CCTGGCACAGGTCCCCTGCTTCCCTGAGTCCATCCAGGGCCAAGAGGTTGACCATGAAGC CCATAGGCAAGGTCTGGCCCTTGGGGGTGCTAAAGGCACGAGCGAAGCGGGCCAGGGCTT CCCGGCGGCATGGCCACATGGCACTGCACAGCGCAACTTGGCAGGTAGGGCAGGGTCT GGAGCAGACGGAACAGGCGGGCAGCATTGCCCTCTCGAAGGCAGCATCTACGCCAAGG CTTTCCGAGGGCGGGCAGGCGGCATGGCAGCAGGAGCTGTAAGAACCTCATGCNAGG CTCCACCGAGCCAGGTTATAGAGCAGATAGAGGCCCTGGAATGCGGNTTTGCGGGGT GCGGCCCGGCGCCCGCGGTAGCATCGCCGAGCGAGCCCGAGCCCTCTGCACCTGGG CCTGCAGCAGACCGGTCGCGGGTCCCGCGCCGCGTCCGGCCCGAGCCGCGCCACTA CTGCCAGCAACGTGGGCAGCGCCGCTCCAGG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_013299
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).
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: [NM_013299.2](#), [NP_037431.2](#)

RefSeq Size: 1554 bp

RefSeq ORF: 1215 bp

Locus ID: 29901

Cytogenetics: 11q13.1

Domains: SAC3_GANP