

Product datasheet for **SC321068**

SAP30 (NM_003864) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SAP30 (NM_003864) Human Untagged Clone
Tag: Tag Free
Symbol: SAP30
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)
Fully Sequenced ORF: >OriGene sequence for NM_003864.3

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GGGGGACAGTGAGCGGGTCCCCGCTCCAGGAGACGCTCGAGTCTGCGTCCCGGCCCTCA
GCACTGTCCACTGTTTCGGTGCCAGCAGAGACCAGCAGGCCCGGGACAGTTGGTGTTTGG
CCGTGCCGCTGTCTAACTTGGTGTGCAGAGTGAATTGCCGCTGCCGGAGCGGAGAGAGGC
GGAGCGGCCAGGAGAGAGGGATTTCTGTCAGCGCCGGCCTCGGGAGCTCGGAGACATGA
ACGGCTTCACGCCTGACGAGATGAGCCGCGGGGATGCGGCCGCCGAGTGGCCGCGAG
TGGTCGCTGCCGCGGCCGCCGCCCTCGGCGGGGAACGGGACCGGCGCGGGCACCGGGG
CTGAGGTGCCGGGCGGGGGCGGTCTCAGCGGCTGGGCCCGGGGGCGGCCGGGCCGG
GCCCCGGCAACTGTGCTGCCTGCGGGAGGATGGTGAGCGGTGCGGCCGGCGGCGCAGGCA
AGCCAGCTTCAGCAAGAGGATCCAGAAGAGCATCTCCAGAAGAAGGTGAAGATCGAGC
TGGATAAGAGCGCAAGGCATCTTTACATATGTGATTATCATAAAAACTTAATTCAGAGTG
TTCGAAAACAGAAGAAAGAGAAAAGGGAGTGATGATGATGGAGGTATTACCTGTTCAAG
ATATTGATACCCAGAGGTTGATTTATACCAATTACAAGTAAATACACTTAGGAGATACA
AAAGACACTTCAAGCTACCAACCAGACCAGGACTTAATAAAGCACAACTGTTGAGATAG
TTGTTGCCACTTTAGGTCTATTCCAGTGAATGAAAAAGACACCTTAACATATTTTCATCT
ACTCAGTGAAGAATGACAAGAACAATCAGATCTCAAGTTGATAGTGGTGTTCCTAGG
AGACGTGGAATTGAGACTAATAACTTGGATGTTAACTGTTTACTGTTTTTTCACATGT
AGAAATGTTCTTTGTGATTTTTTCTACAGAGGATTTTCTGATTTTATTTTCTTTGTT
TCTGACTTAATAATTAGTTGAAAACATATAAAATGAGCTTTCCTAAATTAATCTAT
TTAAATAAAGGTTATTACTACTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM_003864

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).



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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_003864.3</u> , <u>NP_003855.1</u>
RefSeq Size:	1126 bp
RefSeq ORF:	663 bp
Locus ID:	8819
UniProt ID:	<u>O75446</u>
Cytogenetics:	4q34.1
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	Histone acetylation plays a key role in the regulation of eukaryotic gene expression. Histone acetylation and deacetylation are catalyzed by multisubunit complexes. The protein encoded by this gene is a component of the histone deacetylase complex, which includes SIN3, SAP18, HDAC1, HDAC2, RbAp46, RbAp48, and other polypeptides. This complex is active in deacetylating core histone octamers, but inactive in deacetylating nucleosomal histones. A pseudogene of this gene is located on chromosome 3. [provided by RefSeq, Jul 2008]