

Product datasheet for **SC112135**

SAP30L (NM_024632) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SAP30L (NM_024632) Human Untagged Clone
Tag:	Tag Free
Symbol:	SAP30L
Synonyms:	NS4ATP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_024632 edited ATGAACGGCTTCAGCACGGAGGAGGACAGCCGCGAAGGGCCCCCGCCGCCAGCTGCC GCCGCCCCGGGTACGGCCAGAGCTGCTGCCTCATCGAGGACGGCGAGCGCTGCGTCCGG CCCGCGGCAACGCCTCCTTCAGCAAGAGGGTCCAGAAGAGCATCTCGAGAAGAAACTC AAGCTGGACATCGACAAGAGCGTAAGGCACCTATATATCTGTGATTTTCAAAAATTTT ATCCAGAGTGCCGAAATAAAGGAAGAGGAAGACAAGTGACGATGGCGGAGATTCTCCC GAGCACGACACTGACATTCCTGAGGTTGATCTGTTCCAGCTGCAGGTGAACACCCTACGA CGTTATAAACGACTACAAGTTGCAGACCAGACCAGGCTTCAATAAGGCCAGTTAGCA GAAACTGTGAGTCGACACTTCAGGAACATACCTGTGAATGAAAAAGAGACCCTTGCTAC TTCATCTACATGGTGAAGAGTAACAAGAGTAGACTGGACCAGAAATCGGAGGGTGGCAAG CAGCTTGAGTGA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_024632 unedited GCATTTTGTNATACGACTCACTATAGGGGCGGCCGCAATTCGCACGAGGCTACCGGGGA CCCTCCCCANAGGACCGGCCCGGGGCGGGGAGATGAACGGCTTCAGCACGGAGGAGGAC AGCCGCGAAGGGCCCCCGCCGCCCAGCTGCCGCCGCCCGGGCTACGGCCAGAGCTGC TGCCTCATCGAGGACGGCGAGCGCTGCGTCCGGCCCGGGCAACGCCTCCTTCAGCAAG AGGGTCCAGAAGAGCATCTCGAGAAGAACTCAAGCTGGACATCGACAAGAGCGTAAGG CACCTATATATCTGTGATTTTCACAAAAATTTCCAGAGTGTCGAAATAAAAGGAAG AGGAAGACAAGTGACGATGGCGGAGATTCTCCGAGCACGACACTGACATTCTGAGGTT GATCTGTTCCAGCTGCAGGTGAACACCCTACGACGTTATAAACGACACTACAAGTTGCAG ACCAGACCAGGCTTCAATAAGGCCAGTTAGCAGAACTGTGAGTCGACACTTCAGGAAC ATACCTGTGAATGANAAAGAGACCCTTGCCACTTCATCTACATGGTGAAGAGTACCCAG AGTAGACTGGACCAGANATCGGAGGGTGGGCAGCAGNCTGAGTGAGGATGAAGCACATCT TANAGGAAATGAAGTGTATGCTNGATGCACAGGTGATATCTACTACATTTAAGCCANTA AGACTGTTAAATANTATTGGTAATAAAAAAGTTTGAATGATGAATACTGTAATCNTTTT GGTCAGGGAGGATATATTCTCATGATTCAGCATGTGTATAGGAAGGACTTNCTTTTACGA TAACTCTGGACTAAAAATCCNGGATCATTNAAAGGAATAAAACTTTGGTTTTACGAT TCACCAAGCATTAAATCAATTCTCTGAAAAGTGGGAATAGGAATATATTTGGTAATCAC CTTATNACCAGCTGCCACGGG
Restriction Sites:	NotI-NotI
ACCN:	NM_024632
Insert Size:	5700 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:	<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_024632.3 , NP_078908.1
RefSeq Size:	1426 bp
RefSeq ORF:	552 bp
Locus ID:	79685
UniProt ID:	Q9HAJ7
Cytogenetics:	5q33.2

Gene Summary:

Isoform 1: Functions as transcription repressor, probably via its interaction with histone deacetylase complexes (PubMed:16820529, PubMed:18070604). Involved in the functional recruitment of the class 1 Sin3-histone deacetylase complex (HDAC) to the nucleolus (PubMed:16820529). Binds DNA, apparently without sequence-specificity, and bends bound double-stranded DNA (PubMed:19015240). Binds phosphoinositol phosphates (phosphoinositol 3-phosphate, phosphoinositol 4-phosphate and phosphoinositol 5-phosphate) via the same basic sequence motif that mediates DNA binding and nuclear import (PubMed:19015240, PubMed:26609676).[UniProtKB/Swiss-Prot Function]

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