

Product datasheet for **SC327746**

SAP18 (NM_005870) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SAP18 (NM_005870) Human Untagged Clone
Tag:	Tag Free
Symbol:	SAP18
Synonyms:	2HOR0202; SAP18P
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC327746 representing NM_005870. Blue=Insert sequence Red=Cloning site Green=Tag(s)

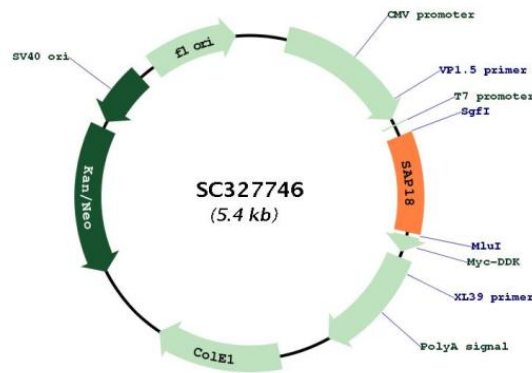
```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCTCGCTGCAGGGTTCGGAGGTCGGGCGAGCGTCTCGCAGGCCGTAGGAGGAAGATGGCGGTGGAG
TCGCGCGTTACCCAGGAGGAAATTAAGAAGGAGCCAGAGAAACCGATCGACCGGAGAAGACATGCCCA
CTGTTGCTACGGGTCTTACCACCAATAACGGCCGCCACCACCGAATGGACGAGTTCTCCCGGGGAAAT
GTACCGTCCAGCGAGTTGCAGATCTACACTTGGATGGATGCAACCTTGAAAGAACTGACAAGCTTAGTA
AAAGAAGTCTACCAGAAGCTAGAAAGAAGGGCACTCACTCAATTTTGAATCGTTTTTACAGATGTT
AAAAGACCTGGCTATCGAGTTAAGGAGATTGGCAGCACCATGTCTGGCAGAAAGGGGACTGATGATTCC
ATGACCCTGCAGTCGAGAAGTTCCAGATAGGAGATTACTGGACATAGCAATTACCCCTCAAATCGG
GCACCACCTCCTTCAGGGCGCATGAGACCATATTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCC
```

Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_005870

Insert Size: 519 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:	NM_005870.4
RefSeq Size:	2318 bp
RefSeq ORF:	519 bp
Locus ID:	10284
UniProt ID:	O00422
Cytogenetics:	13q12.11
Protein Families:	Druggable Genome, Transcription Factors
MW:	19.5 kDa
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, SAP30, HDAC1, HDAC2, RbAp46, RbAp48, and other polypeptides. This protein directly interacts with SIN3 and enhances SIN3-mediated transcriptional repression when tethered to the promoter. A pseudogene has been identified on chromosome 2. [provided by RefSeq, Dec 2008]