

## Product datasheet for **SC327696**

### SAP130 (NM\_001145928) Human Untagged Clone

#### Product data:

|                           |                                                                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                                  |
| Product Name:             | SAP130 (NM_001145928) Human Untagged Clone                                                           |
| Tag:                      | Tag Free                                                                                             |
| Symbol:                   | SAP130                                                                                               |
| Mammalian Cell Selection: | None                                                                                                 |
| Vector:                   | <u>pCMV6-XL5</u>                                                                                     |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                               |
| Fully Sequenced ORF:      | >NCBI ORF sequence for NM_001145928, the custom clone sequence may differ by one or more nucleotides |

ATGGGCGCTCCGCGGCACCCCCAGGCCGCGGAGATAGAAGCGGGCGGTGCGGGCGGCGGG  
 CGGCGGCTACAGGTGGAATGAGTTCTCAACAGTTTCCTCGGTTAGGAGCCCCCTTCTACC  
 GGGCTGAGCCAGGCCCTTCTCAGATTGCAAACAGTGGTCTGCTGGATTGATAAACCCA  
 GCTGCTACAGTCAATGATGAATCTGGTCGAGATTCTGAAGTCAGTGCCAGGGAGCACATG  
 AGTTCCAGCAGCTCCCTCCAGTCCCGGAGGAGAAGCAAGAGCCTGTTGTGGTAAGGCC  
 TATCCACAGGTGCAGATGTTGTGACACACCATGCTGTGCGCATCAGCCACACCTGTTGCA  
 GTGACAGCCCCGCCAGCACACCTGACGCCAGCAGTGCCACTTTTATTTTCGGAGGGACTT  
 ATGAAGCCGCCCCGAAGCCACCATGCCTAGCCGTCCCATTTGCTCCTGCTCCACCTTCT  
 ACCCTGTCACTTCCCCCAAGTTCCAGGGCAGGTTACCGTTACCATGGAGAGTAGCATC  
 CCTCAAGCTTCAGCCATTCTGTGGCAACAATCAGTGGACAACAGGGCCATCCCAGTAAC  
 CTGCAATCATATGACTACAAATGTGCAATGTCTATCATCCGAGCAATGCTCCTGGG  
 CCCCCTCTTACATTGGAGCTTCTCATTTACCTCGAGGTGCAGCTGCTGCTGTGATG  
 TCCAGTTCTAAAGTAACCACAGTCTGAGGCCGACCTCACAGCTGCCAAATGCTGCTACT  
 GCTCAGCCAGCAGTACAGCACATCATTACCAACCAATCCAGTCTCGGCCACCTGTGACC  
 ACCTCCAATGCCATCCCTCCTGCTGTGGTAGCAACTGTCTCAGCCACCAGAGCTCAGTCT  
 CCAGTCATCACTACGACAGCGCGCATGCTACTGATTAGCACTTAGTAGGCCAACCTTG  
 TCTATCCAGCATCCTCCATCTGCAGCAATCAGTATTAGCGTCTGCCCAGTCACGAGAT  
 GTCACAACAAGAATCACACTACCATCTCACCTGCATTAGGGACGCCAAAACAGCAGCTT  
 CATACAATGGCTCAGAAAACAATCTTCAGTACTGGCACGCCAGTGGCTGCAGCCACAGTA  
 GCACCTATTTTGGCAACCAACACCATTCTTCAGCGACCACAGCTGGATCTGTGTACAC  
 ACGCAAGCTCCACAAGTACCATTGTTACCATGACAGTACCCTCCCATTCCTCCCATGCT  
 ACTGCTGTGACCACCTCAAACATCCAGTCGCCAAGGTGGTGCCCGCAGCAGATCACGCAC  
 ACTTCTCCTCGGATCCAGCCAGACTACCCTGCCGAGAGGAGTAGCCTGATTCCCATCTCC  
 GGACATCGGGCTCTCCCAATCTGTGGCCATGGAAACCCGAAGTGACAACAGACCGTCT  
 GTTCCCGTTCAAGTCCAATATTTTTTGGCAACTTACCCCTTCTGCATACCCACTGGCG  
 GCACATACCTACACCCCAATCACCAGTTCCGTGTCCACTATCCGACAGTATCCAGTTTCA  
 GCTCAGGCTCCAACTCTGCCATCACAGCTCAGACTGGTGTGGGTAGCGTCTACCGTC



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CACCTAAACCCCATGCAGTTGATGACAGTGGATGCATCGCATGCTCGACATATTCAAGGG  
 ATCCAGCCAGCACCCATCAGTACCCAGGGTATCCAGCCGGCCCCATTGGGACCCAGGG  
 ATACAGCTGCACCACTTGGCACACAGGGAATTCAGTACGCAACCCCAATCAACACACAA  
 GGGCTTCAGCCTGCACCTATGGGTACTCAGCAGCTCAGCCTGAAGGAAAGACTTCAGCA  
 GTGGTGTGGCAGATGGAGCCACAATTGTGGCCAAACCTATTAGCAATCCATTAGTGTCT  
 GCTCCAGCAGCAACAACCGTGGTGCAGACCCACAGCCAGAGTGTAGCACCAACGCTCCC  
 GCCCAGGGCTCATCGCCACGGCCAAGCATACTCCGGAAGAAACCTGCCACAGATGGAATG  
 GCAGTTCGGAACCCCTATTCTCTCAGCCTCCTGATGTTGCTAGTCTCGAGTGGA  
 AGCTCTATGCGGAGTACGTCTGGGTACCTAGGCCTGCAGGTGCCAAACCCAAGTCTGAA  
 ATCCACGTGTCTATGGCCACTCCGGTCACTGTGTCCATGGAGACTGTATCCAATCAAAAT  
 AATGATCAGCCTACCATTCGCGTCCCTCCAAGTCCAGCAGCCCCACCGACCATTCCT  
 ACTATGATTGCAGCAGCCAGTCCCCGTCACAACAGCCGTTGCCCTTTCAACCATTCCT  
 GGAGCGGTCCCATCACTCCACCCATCACCACCATTCAGCTGCACCACCTCCATCAGTC  
 ACTGTGGGTGGCAGTCTTCTCCTCGTCTTGGGCCCTCCGTTCTGAAATTAAGTGAAA  
 GAAGAAGTAGAACCAATGGATATCATGAGGCCAGTTTCTGCAGTTCCTCCACTGGCTACC  
 AACACTGTGTCTCCATCTCTTGCAATTGCTGGCAACAACCTGTCCATGCCTACAAGTGAC  
 CTACCACCTGGTGCCTCCCAAGGAAAAAGCCTCGAAAGCAACAGCATGTGATCTCAACA  
 GAAGAAGGTGACATGATGGAGACAAACAGCACTGATGATGAGAAGTCCACTGCCAAGAGT  
 CTTCTGGTGAAGGCTGAGAAGCGCAAGTCTCTCCCAAGGAGTATATTGATGAGGAAGGT  
 GTGAGATATGTCCAGTGCCTCAAGACCCCCATTACTTTGCTTCGTCATATCGGAAC  
 CCCTGGAAAGCTGCTTACCACCACTTTTCAAGGTACAGTGACGTCCGGGTCAAAGAGGAG  
 AAGAAAGCTATGCTGCAGGAAATAGCTAATCAGAAAGGAGTATCCTGTCTGCTCAAGGC  
 TGGAAAGTCCACCTCTGTGCTGCCAGTTACTACAGCTGACGAATCTAGAACATGATGTC  
 TATGAAAGACTTACTAACCTGCAGGAAGGATTATCCCAAGAAAAAGCAGCAACAGAT  
 GATGATCTCCACGAATAAACGAAGTATACAGGGAATATGCAGAGGTGTAACTTGTG  
 ATGGATCAAAATCAGTGAAGCCAGAGACTCCATGCTTAAGGTTTTAGATCATAAAGACCGT  
 GTCCTGAAGCTGCTTAACAAGAACGGGACTGTCAAAAAGTGTCCAAATTGAAGCGAAAG  
 GAAAAAGTC

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Restriction Sites:</b>     | Please inquire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ACCN:</b>                  | NM_001145928                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                          |
| <b>OTI Annotation:</b>        | 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.                                                                                                                                                                                                                                                      |
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                                    |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |

|               |                                                                                                                                                                                                                                                                                                                           |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RefSeq:       | <u>NM_001145928.1, NP_001139400.1</u>                                                                                                                                                                                                                                                                                     |
| RefSeq Size:  | 4173 bp                                                                                                                                                                                                                                                                                                                   |
| RefSeq ORF:   | 3252 bp                                                                                                                                                                                                                                                                                                                   |
| Locus ID:     | 79595                                                                                                                                                                                                                                                                                                                     |
| UniProt ID:   | <u>Q9H0E3</u>                                                                                                                                                                                                                                                                                                             |
| Cytogenetics: | 2q14.3                                                                                                                                                                                                                                                                                                                    |
| Gene Summary: | <p>SAP130 is a subunit of the histone deacetylase (see HDAC1; MIM 601241)-dependent SIN3A (MIM 607776) corepressor complex (Fleischer et al., 2003 [PubMed 12724404]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p> |