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Product datasheet for SC315114

SAP130 (NM_024545) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SAP130 (NM_024545) Human Untagged Clone
Tag:	Tag Free
Symbol:	SAP130
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>SC315114 representing NM_024545.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCCCTCCGCGGCACCCCCAGGCCGGCGAGATAGAAGCGGGCGGTGCGGGCGGCGGGCGGCGGCTA
CAGGTGGAAATGAGTTCTCAACAGTTTCCTCGGTTAGGAGCCCCTTCTACCGGGCTGAGCCAGGCCCCT
TCTCAGATTGCAAACAGTGGTTCTGCTGGATTGATAAACCCAGCTGCTACAGTCAATGATGAATCTGGT
CGAGATTCTGAAGTCAGTGCCAGGGAGCACATGAGTTCCAGCAGCTCCCTCCAGTCCCGGGAGGAGAAG
CAAGAGCCTGTTGTGGTAAGGCCCTATCCACAGGTGCAGATGTTGTCGACACACCATGCTGTCGCATCA
GCCACACCTGTTGCAGTGACAGCCCCGCCAGCACACCTGACGCCAGCAGTGCCACTTTCATTTTCGGAG
GGACTTATGAAGCCGCCCCCGAAGCCCACCATGCCTAGCCGTCCCATTGCTCCTGCTCCACCTTCTACC
CTGTCACTTCCCCCCAAGGTTCCAGGGCAGGTTACCGTTACCATGGAGAGTAGCATCCCTCAAGCTTCA
GCCATTCCTGTGGCAACAATCAGTGGACAACAGGGCCATCCCAGTAACCTGCATCACATCATGACTACA
AATGTGCAAATGTCTATCATCCGCAGCAATGCTCCTGGGCCCCCTCTTCACATTGGAGCTTCTCATTTA
CCTCGAGGTGCAGCTGCTGCTGCTGTGATGTCCAGTTCTAAAGTAACCACAGTCCTGAGGCCGACCTCA
CAGCTGCCAAATGCTGCTACTGCTCAGCCAGCAGTACAGCACATCATTCACCAACCAATCCAGTCTCGG
CCACCTGTGACCACCTCCAATGCCATCCCTCCTGCTGTGGTAGCAACTGTCTCAGCCACCAGAGCTCAG
TCTCCAGTCATCACTACGACAGCGGCGCATGCTACTGATTCAGCACTTAGTAGGCCAACCTTGTCTATC
CAGCATCCTCCATCGGCAGCAATCAGTATTCAGCGTCCTGCCCAGTCACGAGATGTCACAACAAGAATC
ACACTACCATCTCACCCTGCATTAGGGACGCCAAAACAGCAGCTTCATACAATGGCTCAGAAAACAATC
TTCAGTACTGGCACGCCAGTGGCTGCAGCCACAGTAGCACCTATTTTGGCAACCAACACCATTCCTTCA
GCGACCACAGCTGGATCTGTGTCACACACGCAAGCTCCCACAAGTACCATTGTTACCATGACAGTACCC
TCCCATTCCTCCCATGCTACTGCTGTGACCACCTCAAACATCCCAGTCGCCAAGGTGGTGCCCCAGCAG
ATCACGCACACTTCTCCTCGGATCCAGCCAGACTACCCTGCCGAGAGGAGTAGCCTGATTCCCATCTCC
GGACATCGGGCCTCTCCCAATCCTGTGGCCATGGAAACCCGAAGTGACAACAGACCGTCTGTTCCCGTT
CAGTTCCAATATTTTTTGCCAACTTACCCCCCTTCTGCATACCCACTGGCGGCACATACCTACACCCCA
ATCACCAGTTCCGTGTCCACTATCCGACAGTATCCAGTTTCAGCTCAGGCTCCAAACTCTGCCATCACA
GCTCAGACTGGTGTTGGGGTAGCGTCTACCGTCCACCTAAACCCCATGCAGTTGATGACAGTGGATGCA

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TCGCATGCTCGACATATTCAAGGGATCCAGCCAGCACCCATCAGTACCCAGGGTATCCAGCCGGCCCCC
ATTGGGACCCCAGGGATACAGCCTGCACCACTTGGCACACAGGGAATTCACTCAGCAACCCCAATCAAC
ACACAAGGGCTTCAGCCTGCACCTATGGGTACTCAGCAGCCTCAGCCTGAAGGAAAGACTTCAGCAGTG
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ACAACCGTGGTGCAGACCCACAGCCAGAGTGCTAGCACCAACGCTCCCGCCCAGGGCTCATCGCCACGG
CCAAGCATACTCCGGAAGAAACCTGCCACAGATGGTGCCAAACCCAAGTCTGAAATCCACGTGTCTATG
GCCACTCCGGTCACTGTGTCCATGGAGACTGTATCCAATCAAAATAATGATCAGCCTACCATTGCCGTC
CCTCCAACTGCCCAGCAGCCCCCACCGACCATTCCAACTATGATTGCAGCAGCCAGTCCCCCGTCACAA
CCAGCCGTTGCCCTTTCAACCATTCCTGGAGCGGTCCCCATCACTCCACCCATCACCACCATTGCAGCT
GCACCACCTCCATCAGTCACTGTGGGTGGCAGTCTTTCCTCCGTCTTGGGCCCTCCCGTTCCTGAAATT
AAAGTGAAAGAAGAAGTAGAACCAATGGATATCATGAGGCCAGTTTCTGCAGTTCCTCCACTGGCTACC
AACACTGTGTCTCCATCTCTTGCATTGCTGGCAAACAACTTGTCCATGCCTACAAGTGACCTACCACCT
GGTGCCTCCCCAAGGAAAAAGCCTCGAAAGCAACAGCATGTGATCTCAACAGAAGAAGGTGACATGATG
GAGACAAACAGCACTGATGATGAGAAGTCCACTGCCAAGAGTCTTCTGGTGAAGGCTGAGAAGCGCAAG
TCTCCTCCCAAGGAGTATATTGATGAGGAAGGTGTGAGATATGTCCCAGTGCGTCCAAGACCCCCCATT
ACTTTGCTTCGTCACTATCGGAACCCCTGGAAAGCTGCTTACCACCACTTTCAGAGGTACAGTGACGTC
CGGGTCAAAGAGGAGAAGAAAGCTATGCTGCAGGAAATAGCTAATCAGAAAGGAGTATCCTGTCGTGCT
CAAGGCTGGAAAGTCCACCTCTGTGCTGCCCAGTTACTACAGCTGACGAATCTAGAACATGATGTCTAT
GAAAGACTTACTAACCTGCAGGAAGGGATTATCCCAAAGAAAAAAGCAGCAACAGATGATGATCTCCAC
CGAATAAACGAACTGATACAGGGAAATATGCAGAGGTGTAAACTTGTGATGGATCAAATCAGTGAAGCC
AGAGACTCCATGCTTAAGGTTTTAGATCATAAAGACCGTGTCCTGAAGCTGCTTAACAAGAACGGGACT
GTCAAAAAAGTGTCCAAATTGAAGCGAAAGGAAAAAGTCTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_024545
Insert Size:	3147 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:	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_024545.2

RefSeq Size:	4068 bp
RefSeq ORF:	3147 bp
Locus ID:	79595
UniProt ID:	Q9H0E3
Cytogenetics:	2q14.3
MW:	110.3 kDa
Gene Summary:	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] Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1. The resulting isoform (b) is shorter than isoform a.