SAP130 cDNA Clone – Sin3a-Associated Protein, 130kDa (Human)

PRODUCT OVERVIEW

Product Name	SAP130, cDNA Clone
Full Product Name	SAP130 cDNA Clone
Product Gene Name	SAP130 cdna clone
Sequence	atggctcaga aaacaatctt cagtactggc acgccagtgg ctgcagccac agtagcacct attttggcaa ccaacaccat tccttcagcg accacagctg gatctgtgtc acacacgcaa gctcccacaa gtaccattgt taccatgaca gtaccctccc attcctccca tgctactgct gtgaccacct caaacatccc agtcgccaag gtggtgcccc agcagatcac gcacacttct cctcggatcc agccagacta ccctgccgag aggagtagcc tgattcccat ctccggacat cgggcctctc ccaatcctgt ggccatggaa acccgaagtg acaacagacc gtctgttccc gttcagttcc aatatttttt gccaacttac ccccttctg catacccact ggcggcacat acctacaccc caatcaccag ttccgtgtcc actatccgac agtatccagt ttcagctcag gctccaaact ctgccatcac agctcagact ggtgttgggg tagcgtctac cgtccaccta aaccccatgc agttgatgac agtggatgca tcgcatgctc gacatattca agggatccag ccagcaccca tcagtaccca gggtatccag ccggccccca ttgggacccc agggatacag cctgcaccac ttggcacaca gggaattcac tcagcaaccc caatcaacac acaagggctt cagcctgcac ctatgggtac tcagcagcct cagcctgaag gaaagacttc agcagtggtg ttggcagatg gagccacaat tgtggccaac cctattagca atccattcag tgctgctcca gcagcaacaa ccgtggtgca gacccacagc cagagtgcta gcaccaacgc tcccgcccag ggctcatcgc cacggccaag catactccgg aagaaacctg ccacagatgg tgccaaaccc aagtctgaaa tccacgtgtc tatggccact ccggtcactg tgtccatgga gactgtatcc aatcaaaata atgatcagcc taccattgcc gtccctccaa ctgcccagca gcccccaccg accattccaa ctatgattgc agcagccagt cccccgtcac aaccagccgt tgccctttca accattcctg gagcggtccc catcactcca cccatcacca ccattgcagc tgcaccacct ccatcagtca ctgtgggtgg cagtctttcc tccgtcttgg gccctcccgt tcctgaaatt aaagtgaaag aagaagtaga accaatggat atcatgaggc cagtttctgc agttcctcca ctggctacca acactgtgtc tccatctctt gcattgctgg caaacaactt gtccatgcct acaagtgacc taccacctgg tgcctcccca aggaaaaagc ctcgaaagca acagcatgtg atctcaacag aagaaggtga catgatggag acaaacagca ctgatgatga gaagtccact gccaagagtc ttctggtgaa ggctgagaag cgcaagtctc ctcccaagga gtatattgat gaggaaggtg tgagatatgt cccagtgcgt ccaagacccc ccattacttt gcttcgtcac tatcggaacc cctggaaagc tgcttaccac cactttcaga ggtacagtga cgtccgggtc aaagaggaga agaaagctat gctgcaggaa atagctaatc agaaaggagt atcctgtcgt gctcaaggct ggaaagtcca cctctgtgct gcccagttac tacagctgac gaatctagaa catgatgtct atgaaagact tactaacctg caggaaggga ttatcccaaa gaaaaaagca gcaacagatg atgatctcca ccgaataaac gaactgatac agggaaatat gcagaggtgt aaacttgtga tggatcaaat cagtgaagcc agagactcca tgcttaaggt tttagatcat aaagaccgtg tcctgaagct gcttaacaag aacgggactg tcaaaaaagt gtccaaattg aagcgaaagg aaaaagtcta g
Molecular Weight	113,967 Da
OMIM	609697
Vector	pENTR223.1 or pUC
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SAP130 cdna clone	MBS1274098 is a cDNA clone targeting SAP130.
Other Notes	Small volumes of SAP130 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SAP130. It may not necessarily be applicable to this product.

NCBI GI #	16924324
NCBI GeneID	79595
NCBI Accession #	BC017453
UniProt Secondary Accession #	Q4ZFV4; Q53T46; Q8WVW4; Q9H9G8; B7ZLM3; C9K0X9

UniProt Related Accession #	Q9H0E3
NCBI Official Full Name	Homo sapiens Sin3A-associated protein, 130kDa, mRNA
NCBI Official Synonym Full Names	Sin3A associated protein 130
NCBI Official Symbol	SAP130
UniProt Protein Name	Histone deacetylase complex subunit SAP130
UniProt Synonym Protein Names	130 kDa Sin3-associated polypeptide; Sin3-associated polypeptide p130
Protein Family	Histone deacetylase complex
UniProt Gene Name	SAP130
UniProt Entry Name	SP130_HUMAN
NCBI Protein Information	histone deacetylase complex subunit SAP130
NCBI Summary for SAP130	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]
UniProt Comments for SAP130	SAP130: Acts as a transcriptional repressor. May function in the assembly and/or enzymatic activity of the mSin3A corepressor complex or in mediating interactions between the complex and other regulatory complexes. Belongs to the SAP130 family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Transcription factor; Acetyltransferase Chromosomal Location of Human Ortholog: 2q14.3 Cellular Component: nucleoplasm Molecular Function: histone acetyltransferase activity; transcription coactivator activity Biological Process: negative regulation of transcription from RNA polymerase II promoter
Research Articles on SAP130	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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