Recombinant Human SAP130 protein, MYC/DDK-tagged

Cat. No. SAP130-2509H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SAP130 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes subunit 3 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a sequence independent manner and may anchor the U2 snRNP to the pre-mRNA. Splicing factor 3b is also a component of the minor U12-type spliceosome. Subunit 3 has also been identified as a component of the STAGA (SPT3-TAF(II)31-GCN5L acetylase) transcription coactivator-HAT (histone acetyltransferase) complex, and the TFTC (TATA-binding-protein-free TAF(II)-containing complex). These complexes may function in chromatin modification, transcription, splicing, and DNA repair.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	135.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	SAP130 Sin3A-associated protein, 130kDa [Homo sapiens]
Official Symbol	SAP130
Synonyms	SAP130; Sin3A-associated protein, 130kDa; sin3A associated protein, 130kDa; histone deacetylase complex subunit SAP130; FLJ12761; mSin3A-associated protein 130; Sin3-associated polypeptide p130; 130 kDa Sin3-associated polypeptide;
Gene ID	79595
mRNA Refseq	NM_001145928
Protein Refseq	NP_001139400
MIM	609697
UniProt ID	Q9H0E3
Chromosome Location	2q14.3
Function	contributes_to histone acetyltransferase activity; transcription coactivator activity;

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