

## Recombinant Human SAP130 protein, MYC/DDK-tagged

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

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human SAP130 fused with MYC/DDK tag at C-terminal was expressed in HEK293.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | <p>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.</p> |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.   |
| <b>Molecular Mass</b>   | 135.4 kDa   |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method  |

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## GENE INFORMATION

|                            |   |
|----------------------------|---|
| <b>Gene Name</b>           | SAP130 Sin3A-associated protein, 130kDa [ Homo sapiens ]  |
| <b>Official Symbol</b>     | SAP130  |
| <b>Synonyms</b>            | 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; |
| <b>Gene ID</b>             | 79595   |
| <b>mRNA Refseq</b>         | NM_001145928  |
| <b>Protein Refseq</b>      | NP_001139400  |
| <b>MIM</b>                 | 609697  |
| <b>UniProt ID</b>          | Q9H0E3  |
| <b>Chromosome Location</b> | 2q14.3  |
| <b>Function</b>            | contributes_to histone acetyltransferase activity; transcription coactivator activity;  |

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