

Product datasheet for **TP761368**

SAP30L (NM_024632) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human SAP30-like (SAP30L), transcript variant 1, full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length SAP30L
Tag:	N-GST and C-His
Predicted MW:	46.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_078908
Locus ID:	79685
UniProt ID:	Q9HAJ7
RefSeq Size:	6243
Cytogenetics:	5q33.2
RefSeq ORF:	549
Synonyms:	NS4ATP2



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Summary:

Isoform 1: Functions as transcription repressor, probably via its interaction with histone deacetylase complexes (PubMed:16820529, PubMed:18070604). Involved in the functional recruitment of the class 1 Sin3-histone deacetylase complex (HDAC) to the nucleolus (PubMed:16820529). Binds DNA, apparently without sequence-specificity, and bends bound double-stranded DNA (PubMed:19015240). Binds phosphoinositol phosphates (phosphoinositol 3-phosphate, phosphoinositol 4-phosphate and phosphoinositol 5-phosphate) via the same basic sequence motif that mediates DNA binding and nuclear import (PubMed:19015240, PubMed:26609676).[UniProtKB/Swiss-Prot Function]

Product images: