

Product datasheet for PH302868

PHAP1 (ANP32A) (NM_006305) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANP32A MS Standard C13 and N15-labeled recombinant protein (NP_006296)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202868
Predicted MW:	28.6 kDa
Protein Sequence:	>RC202868 protein sequence Red=Cloning site Green=Tags(s) MEMGRRIHLELRNRTPSDVKELVLDNSRSNEGKLEGLTDFEFLSTINVGLTSTIANLPKLNKLLKLE LSDNRVSGGLEVLAEKCPNLTHLNLSGNKIKDLSTIEPLKLENLKSLLDFNCEVTNLNDYRENVFKLLP QLTYLDGYDRDDKEAPDSDAEGYVEGLDDEEEDDEEEYDEDAQVVEDEEEDDEEEEGEEEDVSGEEED EEGYNDGEVDDEEDEEELGEEERGQKRKREPEDEGEDDD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006296
RefSeq Size:	2479
RefSeq ORF:	747
Synonyms:	C15orf1; HPPCn; I1PP2A; LANP; MAPM; PHAP1; PHAPI; PP32
Locus ID:	8125
UniProt ID:	P39687 , A0A384P5U2



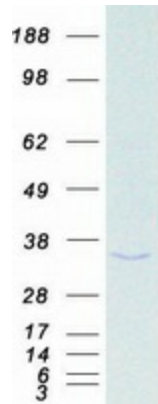
[View online »](#)

Cytogenetics: 15q23

Summary: Implicated in a number of cellular processes, including proliferation, differentiation, caspase-dependent and caspase-independent apoptosis, suppression of transformation (tumor suppressor), inhibition of protein phosphatase 2A, regulation of mRNA trafficking and stability in association with ELAVL1, and inhibition of acetyltransferases as part of the INHAT (inhibitor of histone acetyltransferases) complex. Plays a role in E4F1-mediated transcriptional repression.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified ANP32A protein (Cat# [TP302868]). The protein was produced from HEK293T cells transfected with ANP32A cDNA clone (Cat# [RC202868]) using MegaTran 2.0 (Cat# [TT210002]).