

Product datasheet for **TP302868M**

PHAP1 (ANP32A) (NM_006305) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human acidic (leucine-rich) nuclear phosphoprotein 32 family, member A (ANP32A), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202868 protein sequence Red =Cloning site Green =Tags(s)
	MEMGRRIHLELRNRTPSDVKELVLDNSRSNEGKLEGLTDEFEELEFLSTINVGLTSIANLPKLNKLLKLE LSDNRVSGGLEVLAEKCPNLTHLNLSGNKIKDLSTIEPLKLENLKSLLDFNCEVTNLNDYRENVFKLLP QLTYLDGYDRDDKEAPSDAEGYVEGLDDEEEDEDEEYDEDAQVVEDEEDEDDEEEEGEEEDVSGEEED EEGYNDGEVDDEEDEEELGEEERGQKRKREPEDEGEDDD
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	28.4 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, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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:	<u>NP_006296</u>
Locus ID:	8125



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UniProt ID: [P39687](#), [A0A384P5U2](#)

RefSeq Size: 2479

Cytogenetics: 15q23

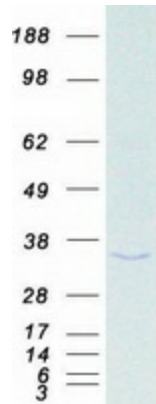
RefSeq ORF: 747

Synonyms: C15orf1; HPPCn; I1PP2A; LANP; MAPM; PHAP1; PHAPI; PP32

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]).