

AR09998PU-N

Human PA1 (1-254, His-tag) - Purified

Alternate names:	C16orf53, PAXIP1-associated protein 1, PTIP-associated protein 1
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	PA1 is a component of a Set1-like multiprotein histone methyltransferase complex. It interacts with PAXIP1/PTIP; the interaction is direct and is required for the association with the rest of the PTIP complex. This protein plays a critical role in maintaining genome stability, condensation of chromatin and progression through mitosis.
Uniprot ID:	Q9BTK6
NCBI:	NP_078792
GeneID:	79447
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl
Description:	Recombinant human PA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MSLARGHGD T AASTAAPLSE EGEVTSGLQA LAVEDTGGPS ASAGKADEG EGGREETERE GSGGEEAQGE VPSAGGEEPA EEDSEDWCVP CSDEEVELPA DGQPWMPPPS EIQRLYELLA AHGTLELQAE ILPRRPPTPE AQSEEEERSDE EPEAKEEEEE KPHMPTEFDF DDEPVT PKDS LIDRRRTPGS SARSQKREAR LDKVLSDMKR HKKLEEQILR TGRDLFSLDS EDPSPASPPL RSSGSSLFPR QRKY Molecular weight: 29.9 kDa (274aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher).
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Liang J., et al. (2009) EMBO Rep. 10(1):51-7. Cho YW., et al. (2007) J Biol Chem. 282(28):20395-406.

Pictures:

Recombinant human PA1, 1-254 aa, His-tagged

