

AR50438PU-N

Human APIP (1-242, His-tag) - Purified

Alternate names:	APAF1-interacting protein, CGI-29
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	APIP, also known as probable methylthioribulose-1-phosphate dehydratase, catalyzes the dehydration of methylthioribulose-1-phosphate (MTRu-1-P) into 2,3-diketo-5-methylthiopentyl-1-phosphate (DK-MTP-1-P). It has an anti-apoptotic function and prevents muscle ischemic damage. This protein inhibits the cytochrome c-dependent and APAF1-mediated cell death.
Uniprot ID:	Q96GX9
NCBI:	NP_057041
GeneID:	51074
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT
Description:	Recombinant human APIP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SGLVPRGSH MGSMSGCDA REGDCCSRRC GAQDKEHPRY LIPELCKQFY HLGWVTGTGG GISLKHGDEI YIAPSGVQKE RIQPEDMFVC DINEKDISGP SPSKKLKKSQ CTPLFMNAYT MRGAGAVIHT HSKAAVMATL LFPGREFKIT HQEMIKGIKK CTSGGYRYD DMLVVPPIEN TPEEKDLKDR MAHAMNEYPD SCAVLVRRHG VYVWGETWEK AKTMCECYDY LFDIAVSMKK VGLDPSQLPV GENIV Molecular weight: 29.7 kDa (266aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Cho D.-H., et al. (2004) J. Biol. Chem. 279:39942-39950 Lai C.-H., et al. (2000) Genome Res. 10:703-713

Pictures:

