9051 Mira Mesa Blvd, #910094
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APIP Human

APAF1 interacting protein Human Recombinant
RCP0081

Product Overview

Name	APIP Human
Description	
APAF1 interacting protein Human Recombinant	
Accession (Primary)	Q96GX9
Synonyms	
APAF1 interacting protein, CGI-29, APIP2, Mmrp19, APAF1-interacting protein, MTRu-1-P dehydratase, probable methylthioribulose-1-phosphate dehydratase, CGI29, EC 4.2.1.109, dJ179L10.2, MMRP19.	
Introduction	
APIP catalyzes the dehydration of methylthioribulose-1-phosphate (MTRu-1-P) into 2,3-diketo-5-methylthiopentyl-1-phosphate (DK-MTP-1-P). APIP has an anti-apoptotic function and inhibits muscle ischemic impairment. APIP inhibits the cytochrome c-dependent and APAF1-mediated cell death.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The APIP solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MSGCDA REGDCCSRRC GAQDKEHPRY LIPELCKQFY HLGWVTGTGG GISLKHGDEI YIAPSGVQKE RIQPEDMFVC DINEKDISGP SPSKKLKKSQ CTPLFMNAYT MRGAGAVIHT HSKAAVMATL LFPGREFKIT HQEMIKGIKK CTSGGYYRYD DMLVVPIIEN TPEEKDLKDR MAHAMNEYPD SCAVLVRRHG VYVWGETWEK AKTMCECYDY LFDIAVSMKK VGLDPSQLPV GENGIV	
Precautions	

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APIP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96GX9)