

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## Product datasheet for TP502974

## Apip (NM\_019735) Mouse Recombinant Protein

## **Product data:**

Pescription:Purified recombinant protein of Mouse APAF1 interacting protein (Apip), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ugSpecies:MouseExpression DNACtion or AA Sequence:MR202974 protein sequence Red=Cloning site Green=Tags(s)Bysecies:MSSCQAQGDCCSRPCGAQDKEHPRFLIPELCKQFYHLGWVTGTGGGISLKHGNEIYIAPSGVQKERIQPE DMFVCDINEQDISGPPASKLKKSQCTPLFMNAYTMRGAGAVIHTHSKAAVMATLLFPGQEFKITHQEM KGRKCTSGGYRYDDDLVVPIIENTPEEKDLKERMAHAMNEYPDSCAVLVRRHGVYWGETWEKAKTMC ECYDVLFDIAVSMKKMGLDPTQLPVGENGIVTag:CTag:CCMC/DDK20.9 (J)Predicted MW:36.9 (J)Onosentration:9.050 (J)Som Jose July La determined by microplate BCA methodPurity:36.00 (J)Som Jose July La determined by Microplate BCA methodPurity:0.50 (J)Som Jose July La determined by Microplate BCA methodNote:0.50 (J)Som Jose July La determined by Microplate BCA methodPurity:0.50 (J)Som Jose July La determined by Microplate BCA methodPurity:0.50 (J)Som Jose July La determined by Microplate BCA methodPurity:0.50 (J)Som Jose July La determined by Microplate BCA methodPurity:0.50 (J)Som Jose July La determined by Microplate BCA methodPurity:0.50 (J)Som Jose July La determined by Microplate BCA methodPurity:0.50 (J)Som Jose July La determined by Microplate BCA methodBurger0.50 (J)July La determined by Microplate BCA methodJuly La determined	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression cDNA Cloop>MR202974 protein sequence Red=Cloning site Green=Tags(s)MSGCQAQGDCCSRPCGAQDKEHPRFLIPELCKQFYHLGWVTGTGGGISLKHGNEIYIAPSGQKKERIQPE DMFVCDINEQDISGPPASKKLKKSQCTPLFMNAYTMRGAGAVIHTHSKAAVMATLLPPQQEFKITHQEM KGIRKCTSGGYRRYDDMLVVPIIENTPEEKDLKERMAHAMNEYPDSCAVLVRRHGVYWGGTWEKAKTMC EVDYLFDIAVSMKKMGLDPTQLPVGENGIVTag:CMYC/DDKPredicted MW:26.9 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolNote:Sore at -80°C after receiving vials.Storage:Storage - Storage -	Description:	
A Sequence:MR202974 protein sequence Red=Cloning site Green=Tags(s)MSGCQAQGDCCSRPCGAQDKEHPRFLIPELCKQFYHLGWVTGTGGGISLKHGNEIYIAPSGVQKERIQPE DMFVCDINEQDISGPPASKKLKKSQCTPLFMNAYTMRGAQAVIHTHSKAAVMATLLFPQQEFKITHQEMI KGIRKCTSGGYRYDDMLVVPIIENTPEEKDLKERMAHAMNEYPDSCAVLVRRHGVYWGETWEKAKTMCDTarrepLeqKLISEEDLAANDILDYKDDDDKVTag:C-MYC/DDKPredicted MW:26.9 kDaQoncentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolNote:Sorie at -80°C after receiving vials.Storage:Storage at -80°C after receiving vials.Stability:Stable for 12 months from the date of receipt of the product under proper storage and anding conditions. Avoid repeated freeze-thaw cycles.RefSeq:MP 062709	Species:	Mouse
or AA Sequence:Red=Cloning site Green=Tags(s)MSGCQAQGDCCSRPCGAQDKEHPRFLIPELCKQFYHLGWVTGTGGGISLKHGNEIYIAPSGVQKERIQPE DMFVCDINEQDISGPPASKKLKKSQCTPLFMNAYTMRGAGAVIHTHSKAAVMATLLFPQQEFKITHQEMI KGIRKCTSGGYYRYDDMLVVPIIENTPEEKDLKERMAHAMNEYPDSCAVLVRRHGVYWGETWEKAKTMC ECYDYLFDIAVSMKKMGLDPTQLPVGENGIVTag:CMYC/DDKTag:C-MYC/DDKPredicted MW:26.9 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolNote:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 062Z09	Expression Host:	HEK293T
DMFVCDINEQDISGPPASKKLKKSQCTPLFMNAYTMRGAGAVIHTHSKAAVMATLLFPGQEFKITHQEMI KGIRKCTSGGYYRYDDMLVVPIIENTPEEKDLKERMAHAMNEYPDSCAVLVRRHGVYVWGETWEKAKTMC ECYDYLFDIAVSMKKMGLDPTQLPVGENGIVTag:C-MYC/DDKTag:C-MYC/DDKPredicted MW:26.9 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolNote: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 after receiving vials.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:MP 062709	•	
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handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 062709	Storage:	Store at -80°C after receiving vials.
-	Stability:	
Locus ID: 56369	RefSeq:	<u>NP 062709</u>
	Locus ID:	56369
UniProt ID: <u>Q9WVQ5</u>	UniProt ID:	<u>Q9WVQ5</u>
RefSeq Size: 924	RefSeq Size:	924



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	Apip (NM_019735) Mouse Recombinant Protein – TP502974
Cytogenetics:	2 E2
RefSeq ORF:	726
Synonyms:	APIP2; CGI-29; Mmrp19
Summary:	Catalyzes the dehydration of methylthioribulose-1-phosphate (MTRu-1-P) into 2,3-diketo-5- methylthiopentyl-1-phosphate (DK-MTP-1-P). Functions in the methionine salvage pathway, which plays a key role in cancer, apoptosis, microbial proliferation and inflammation. May inhibit the CASP1-related inflammatory response (pyroptosis), the CASP9-dependent apoptotic pathway and the cytochrome c-dependent and APAF1-mediated cell death.[UniProtKB/Swiss- Prot Function]

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