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Product datasheet for TP502974

Apip (NM_019735) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse APAF1 interacting protein (Apip), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202974 protein sequence Red=Cloning site Green=Tags(s) MSGCQAQGDCCSRPCGAQDKEHPRFLIPELCKQFYHLGWVTGTGGGISLKHGNEIYIAPSGVQKERIQPE DMFVCDINEQDISGPPASKKLKKSQCTPLFMNAYTMRGAGAVIHTHSKAAVMATLLFPGQEFKITHQEMI KGIRKCTSGGYYRYDDMLVVPIIENTPEEKDLKERMAHAMNEYPDSCAVLVRRHGVYVWGETWEKAKTMC ECYDYLFDIAVSMKKMGLDPTQLPVGENGIV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	26.9 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
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 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:	NP_062709
Locus ID:	56369
UniProt ID:	Q9WVQ5
RefSeq Size:	924

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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]