Recombinant Mouse Apip Protein, Myc/DDK-tagged

Cat. No. Apip-1660M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length APAF1 interacting protein (Apip), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the dehydration of methylthioribulose-1-phosphate (MTRu-1-P) into 2,3-dik eto-5-methylthiopentyl-1-phosphate (DK-MTP-1-P). Functions in the methionine salva ge pathway, which plays a key role in cancer, apoptosis, microbial proliferation and inf lammation. May inhibit the CASP1-related inflammatory response (pyroptosis), the C ASP9-dependent apoptotic pathway and the cytochrome c-dependent and APAF1-me diated cell death.
Molecular Mass	26.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Apip APAF1 interacting protein [Mus musculus (house mouse)]
Official Symbol	Apip
Synonyms	APIP; APAF1 interacting protein; probable methylthioribulose-1-phosphate dehydratase; MTRu-1-P dehydratase; monocyte macrophage 19; APAF1-interacting protein; monocyte/macrophage protein 19; APIP2; CGI-29; Mmrp19
Gene ID	56369
mRNA Refseq	NM_019735
Protein Refseq	NP_062709
UniProt ID	Q9WVQ5

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