

Recombinant Human APIP, GST-tagged

Cat. No. APIP-9740H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APIP protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-242a.a.
Description	APIP is an APAF1 (MIM 602233)-interacting protein that acts as a negative regulator of ischemic/hypoxic injury (Cho et al., 2004 [PubMed 15262985]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	APIP APAF1 interacting protein [Homo sapiens]
Official Symbol	APIP
Synonyms	APIP; APAF1 interacting protein; probable methylthioribulose-1-phosphate

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	dehydratase; APIP2; CGI 29; Mmrp19; MTRu-1-P dehydratase; APAF1-interacting protein; CGI29; CGI-29; MMRP19; dJ179L10.2;
Gene ID	51074
mRNA Refseq	NM_015957
Protein Refseq	NP_057041
MIM	612491
UniProt ID	Q96GX9
Chromosome Location	11p13
Pathway	Cysteine and methionine metabolism, organism-specific biosystem; Cysteine and methionine metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Metabolism of polyamines, organism-specific biosystem; Methionine salvage pathway, organism-specific biosystem;
Function	identical protein binding; ion binding; lyase activity; metal ion binding; methylthioribulose 1-phosphate dehydratase activity; protein binding;