

Recombinant Human ATPIF1, GST-tagged

Cat. No. ATPIF1-10061H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATPIF1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-106a.a.
Description	This gene encodes a mitochondrial ATPase inhibitor. Alternative splicing occurs at this locus and three transcript variants encoding distinct isoforms have been identified.
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	ATP1F1 ATPase inhibitory factor 1 [Homo sapiens]
Official Symbol	ATP1F1

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Synonyms	ATPIF1; ATPase inhibitory factor 1; ATPase inhibitor, mitochondrial; ATP synthase inhibitor protein; ATPase inhibitor protein; ATPi; ATPiP; IP; MGC1167; MGC8898; IF1; IF(1); inhibitor of F(1)F(o)-ATPase;
Gene ID	93974
mRNA Refseq	NM_016311
Protein Refseq	NP_057395
UniProt ID	Q9UII2
Chromosome Location	1p35.3
Pathway	Electron Transport Chain, organism-specific biosystem;
Function	ATPase binding; ATPase binding; ATPase inhibitor activity; ATPase inhibitor activity; angiotensin binding; calmodulin binding; enzyme inhibitor activity; protein homodimerization activity;