

Recombinant Full Length Human ATPAF1 Protein, GST-tagged

Cat. No. ATPAF1-1277HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATPAF1 full-length ORF (BAB15316.1, 1 a.a. - 328 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	328 amino acids
Description	This gene encodes an assembly factor for the F(1) component of the mitochondrial ATP synthase. This protein binds specifically to the F1 beta subunit and is thought to prevent this subunit from forming nonproductive homooligomers during enzyme assembly. Alternatively spliced transcript variants have been identified. [provided by RefSeq, Aug 2011]
Molecular Mass	62.8 kDa
AA Sequence	MAAVVVAAG GAGPAVLQVA GLYRGLCAVR SRALGLGLVS PAQLRVFPVR PGSGRPEGGA DGSGVGAEAE LQANPFYDRY RDKIQLLRSS DPAAFESRLE KRSEFRKQPV GHSRQGDFIK CVEQKTDALG KQSVNRGFTK DCTLSSIFNI EMVKEKTAAE IKQIWQQYFA AKDTVYAVIP AEKFDLIWNR AQSCPTFLCA LPRREGYEFF VGQWTGTELH FTALINIQTR GEAAASQLIL YHYPELKEEK GIVLMTAEMD STFLNVAEAQ CIANQVQLFY ATDRKETYGL VETFNLRPNE FKYMSVIAEL EQSGLGAELK CAQNQNKT

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ATPAF1 ATP synthase mitochondrial F1 complex assembly factor 1 [Homo sapiens]
Official Symbol	ATPAF1
Synonyms	ATPAF1; ATP synthase mitochondrial F1 complex assembly factor 1; ATP11; Atp11p; FLJ22351; homolog of yeast ATP11; ATP11p; FLJ55378; FLJ60653; MGC88060
Gene ID	64756
mRNA Refseq	NM_001042546
Protein Refseq	NP_001036011
MIM	608917
UniProt ID	Q5TC12

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