Full-Length

ATPAF1 (Human) Recombinant Protein (P01)

Catalog # H00064756-P01 Size 50 ug

Specification

Product Description	Human ATPAF1 full-length ORF (BAB15316.1, 1 a.a. - 328 a.a.) recombinant protein with GST-tag a t N-terminal.
Sequence	MAAVVVAAAGGAGPAVLQVAGLYRGLCAVRSRALGLGLVSPAQLRVFPVRPGSGRPEGGADG SGVGAEAELQANPFYDRYRDKIQLLRRSDPAAFESRLEKRSEFRKQPVGHSRQGDFIKCVEQKT DALGKQSVNRGFTKDKTLSSIFNIEMVKEKTAEEIKQIWQQYFAAKDTVYAVIPAEKFDLIWNRAQS CPTFLCALPRREGYEFFVGQWTGTELHFTALINIQTRGEAAASQLILYHYPELKEEKGIVLMTAEMD STFLNVAEAQCIANQVQLFYATDRKETYGLVETFNLRPNEFKYMSVIAELEQSGLGAELKCAQNQN KT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	62.8
Interspecies Antigen Sequence	Mouse (90); Rat (88)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — ATPAF1

Entrez GeneID	64756
GeneBank Accession#	AK026004.1
Protein Accession#	BAB15316.1
Gene Name	ATPAF1
Gene Alias	ATP11, ATP11p, FLJ22351, MGC88060
Gene Description	ATP synthase mitochondrial F1 complex assembly factor 1
Omim ID	608917
Gene Ontology	Hyperlink
Gene Summary	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 for ming nonproductive homooligomers during enzyme assembly. Alternatively spliced transcript vari ants have been identified, but the biological validity of some of these variants has not been deter mined. [provided by RefSeq
Other Designations	OTTHUMP00000009681|homolog of yeast ATP11

Disease

- Tobacco Use Disorder