Recombinant Human ATPAF1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ATPAF1-3821H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATPAF1 MS Standard C13 and N15-labeled recombinant protein (NP_073582) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	36.4 kDa
AA Sequence	MAAVVVAAAGGAGPAVLQVAGLYRGLCAVRSRALGLGLVSPAQLRVFPVRPGSGR PEGGADGSGVGAEAELQANPFYDRYRDKIQLLRRSDPAAFESRLEKRSEFRKQPVG HSRQGDFIKCVEQKTDALGKQSVNRGFTKDKTLSSIFNIEMVKEKTAEEIKQIWQQYF AAKDTVYAVIPAEKFDLIWNRAQSCPTFLCALPRREGYEFFVGQWTGTELHFTALINI QTRGEAAASQLILYHYPELKEEKGIVLMTAEMDSTFLNVAEAQCIANQVQLFYATDR KETYGLVETFNLRPNEFKYMSVIAELEQSGLGAELKCAQNQNKTTRTRPLEQKLISE EDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

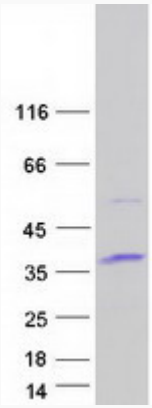
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ATPAF1 ATP synthase mitochondrial F1 complex assembly factor 1 [Homo sapiens (human)]
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_022745
Protein Refseq	NP_073582
MIM	608917
UniProt ID	Q5TC12

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SDS-PAGE	

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