

Product datasheet for TP309963

ATPAF1 (NM_022745) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ATP synthase mitochondrial F1 complex assembly factor 1 (ATPAF1), nuclear gene encoding mitochondrial protein, transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209963 protein sequence Red =Cloning site Green =Tags(s)

MAAVVAAAGGAGPAVLQVAGLYRGLCAVRSRALGLGLVSPAQLRVFPVRPGSGRPEGGADGSGVGAEE
LQANPFYDRYRDKIQLLRSDPAAFESRLEKRSEFRKQPVGHSRQGDFFIKCQEKTALGKQSVNRGFTK
DKTLSSIFNIEMVKEKTAEEIKQIWQQYFAAKDVTYAVIPAEEKFDLIWNRAQSCPTFLCALPRREGYEFF
VGQWTGTELHFTALINIQTRGEEAASQLILYHYPELKEEKGIVLMTAEMDSTFLNVAEAQCIANQVQLFY
ATDRKETYGLVETFNLRPNEFKYMSVIAELEQSGLGAEKCAQNQNT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	36.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_073582
Locus ID:	64756



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UniProt ID: [Q5TC12](#), [I3L448](#)

RefSeq Size: 1849

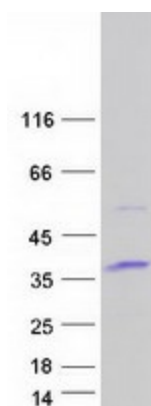
Cytogenetics: 1p33

RefSeq ORF: 984

Synonyms: ATP11; ATP11p

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 forming nonproductive homooligomers during enzyme assembly. Alternatively spliced transcript variants have been identified. [provided by RefSeq, Aug 2011]

Product images:



Coomassie blue staining of purified ATPAF1 protein (Cat# TP309963). The protein was produced from HEK293T cells transfected with ATPAF1 cDNA clone (Cat# [RC209963]) using MegaTran 2.0 (Cat# [TT210002]).