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Product datasheet for TP500403

Atp5j (NM_016755) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ATP synthase, H+ transporting, mitochondrial F0 complex, subunit F (Atp5j), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200403 protein sequence Red=Cloning site Green=Tags(s) MVLQRIFRLSSVLRSAVSVHLKRNIGVTAVAFNKELDPVQKLFVDKIREYKSKRQASGGPVDIGPEYQQD LDRELYKLKQMYGKGEMDTFPTFKFDDPKFEVIDKPQS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	12.5 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
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 after receiving vials.
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_058035
Locus ID:	11957
UniProt ID:	P97450
RefSeq Size:	820
Cytogenetics:	16 C3.3
RefSeq ORF:	327

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Synonyms: Atp5pf; CF6

Summary: The protein encoded by this gene is a component of mitochondrial adenosine triphosphate synthase, which catalyzes the conversion of ATP from ADP. Mitochondrial adenosine triphosphate synthase consists of extrinsic and intrinsic membrane domains that are joined by a stalk. The protein encoded by this gene is a subunit of the stalk domain. A bi-directional promoter that drives expression of this gene has been has been identified. Pseudogenes of this gene are found on chromosomes 14 and 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]