

## Recombinant Mouse Atp5j Protein, MYC/DDK-tagged

Cat. No. Atp5j-670M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse ATP synthase, H <sup>+</sup> transporting, mitochondrial F <sub>0</sub> complex, subunit F (Atp5j), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	<p>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 identified. Pseudogenes of this gene are found on chromosomes 14 and 17. Alternative splicing results in multiple transcript variants.</p>
<b>Molecular Mass</b>	12.5 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Concentration** >50 µg/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** *Atp5j* ATP synthase, H<sup>+</sup> transporting, mitochondrial F<sub>0</sub> complex, subunit F [ *Mus musculus* (house mouse) ]

**Official Symbol** *Atp5j*

**Synonyms** *Atp5j*; ATP synthase, H<sup>+</sup> transporting, mitochondrial F<sub>0</sub> complex, subunit F; CF6; *Atp5pf*; ATP synthase-coupling factor 6, mitochondrial; ATP synthase coupling factor VI; ATP synthase peripheral stalk subunit F6; ATPase subunit F6; EC 3.6.1.14

**Gene ID** 11957

**mRNA Refseq** NM\_016755

**Protein Refseq** NP\_058035

**UniProt ID** P97450

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA