

Recombinant Mouse Atp5j Protein, MYC/DDK-tagged

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

SPECIFICATION

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

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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⁺ transporting, mitochondrial F0 complex, subunit F [*Mus musculus* (house mouse)]

Official Symbol [Atp5j](#)

Synonyms [Atp5j](#); ATP synthase, H⁺ transporting, mitochondrial F0 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](#)

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