

Recombinant Mouse Atp5a1 Protein, MYC/DDK-tagged

Cat. No. Atp5a1-668M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ATP synthase, H ⁺ transporting, mitochondrial F1 complex, alpha subunit 1 (Atp5a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitous expression in heart adult (RPKM 1425.7), kidney adult (RPKM 741.8) and 28 other tissues.
Molecular Mass	59.8 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.
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

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Gene Name	Atp5a1 ATP synthase, H ⁺ transporting, mitochondrial F1 complex, alpha subunit 1 [Mus musculus (house mouse)]
Official Symbol	Atp5a1
Synonyms	Atp5a1; ATP synthase, H ⁺ transporting, mitochondrial F1 complex, alpha subunit 1; Atpm; Mom2; Atp5f1a; AI035633; AL022851; AL023067; D18Ertd206e; ATP synthase subunit alpha, mitochondrial; ATP synthase F1 subunit alpha; ATP synthase, H ⁺ transporting, mitochondrial F1 complex, alpha subunit, isoform 1; modifier of Min 2
Gene ID	11946
mRNA Refseq	NM_007505
Protein Refseq	NP_031531
UniProt ID	Q03265

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