

Recombinant Mouse Atp5a1 protein, Myc/DDK-tagged

Cat. No. ATP5A1-2129M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema3c protein, fused to Myc/DDK-tag at C-terminus, was expressed in human 293 cells (HEK293).
Species	Mouse
Source	HEK293
Description	This gene encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, using an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, comprising the proton channel. The catalytic portion of mitochondrial ATP synthase consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled with a stoichiometry of 3 alpha, 3 beta, and a single representative of the other 3. The proton channel consists of three main subunits (a, b, c).
Form	3438 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	59.8 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µg/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	Atp5a1
Official Symbol	Atp5a1
Synonyms	Atpm; Mom2; Atp5f1a; AI035633; AL022851; AL023067; D18Ertd206e
Gene ID	11946
mRNA Refseq	NM_007505.2
Protein Refseq	NP_031531.1
UniProt ID	D3Z6F5

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