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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATP5B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000506-T02

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

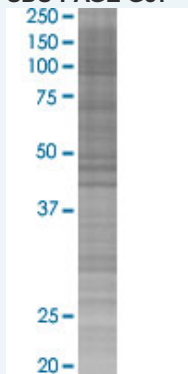
Plasmid: pCMV-ATP5B full-length

Host: Human

Theoretical MW (kDa): 56.6

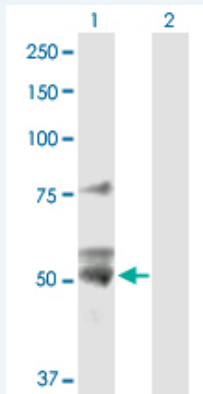
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-ATP5B antibody ([H00000506-D01P](#)) by Western Blots.

SDS-PAGE Gel



ATP5B transfected lysate.

Western Blot



Lane 1: ATP5B transfected lysate (56.60 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [506](#)

GeneBank [NM_001686.3](#)
Accession#:

Protein [NP_001677.2](#)
Accession#:

Gene Name: ATP5B

Gene Alias: ATPMB,ATPSB,MGC5231

Gene Description: ATP synthase, H⁺ transporting, mitochondrial F1 complex, beta polypeptide

Omim ID: [102910](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing 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). This gene encodes the beta subunit of the catalytic core. [provided by RefSeq]

Other Designations: ATP synthase, H⁺ transporting, mitochondrial F1 complex, beta subunit, mitochondrial ATP synthetase, beta subunit

Gene Pathway

[Alzheimer's disease](#) [Huntington's disease](#) [Metabolic pathways](#) [Oxidative phosphorylation](#)
[Parkinson's disease](#)

Related Disease

[Coronary Artery Disease](#)