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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATP5F1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000515-T02 **規格 :** [100 uL]

List All

Specification

Transfected Cell Line: 293T

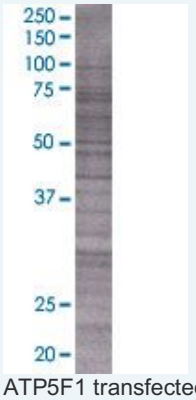
Plasmid: pCMV-ATP5F1 full-length

Host: Human

Theoretical MW (kDa): 28.9

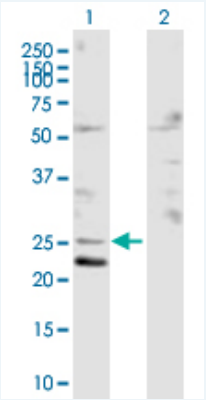
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-ATP5F1 antibody (H00000515-B02) by Western Blots.

SDS-PAGE Gel



ATP5F1 transfected lysate.

Western Blot



Lane 1: ATP5F1 transfected lysate (28.9 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

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID:	515
GeneBank Accession#:	NM_001688.4
Protein Accession#:	NP_001679.2
Gene Name:	ATP5F1
Gene Alias:	MGC24431,PIG47
Gene Description:	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1
Omim ID:	603270
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 seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the b subunit of the proton channel. [provided by RefSeq
Other Designations:	ATP synthase B chain, mitochondrial,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1,H+-ATP synthase subunit b,OTTHUMP00000013469,cell proliferation-inducing protein 47

Gene Pathway

Alzheimer's disease Huntington's disease Metabolic pathways Oxidative phosphorylation Parkinson's disease

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