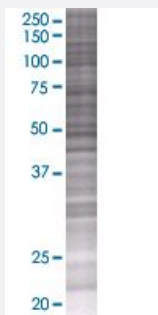


ATP5H 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010476-T01

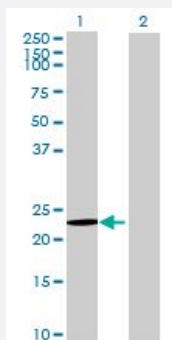
Size 100 uL

Applications



SDS-PAGE Gel

ATP5H transfected lysate.



Western Blot

Lane 1: ATP5H transfected lysate (18.5 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-ATP5H full-length

Host Human

Theoretical MW (kDa) 18.5

Quality Control Testing Transient overexpression cell lysate was tested with Anti-ATP5H antibody ([H00010476-B01](#)) by Western Blots.
SDS-PAGE Gel
ATP5H transfected lysate.
Western Blot
Lane 1: ATP5H transfected lysate (18.5 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.

Applications

- Western Blot

Gene Info — ATP5H

Entrez GeneID	10476
GeneBank Accession#	NM_006356
Protein Accession#	NP_006347
Gene Name	ATP5H
Gene Alias	ATP5JD, ATPQ
Gene Description	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit d
Gene Ontology	Hyperlink
Gene Summary	Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, F0, which comprises the proton channel. The F1 complex consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled in a ratio of 3 alpha, 3 beta, and a single representative of the other 3. The F0 seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the d subunit of the F0 complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. In addition, three pseudogenes are located on chromosomes 9, 12 and 15. [provided by RefSeq]
Other Designations	ATP synthase D chain, mitochondrial ATP synthase, H ⁺ transporting, mitochondrial F1F0, subunit d My032 protein

Pathway

- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)