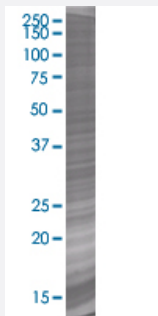


ATP5O 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000539-T01

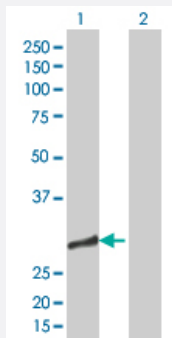
Size 100 uL

Applications



SDS-PAGE Gel

ATP5O transfected lysate



Western Blot

Lane 1: ATP5O transfected lysate (23.54 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ATP5O full-length
Host	Human
Theoretical MW (kDa)	23.54
Interspecies Antigen Sequence	Mouse (82); Rat (81)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ATP5O antibody ([H00000539-B01](#)) by Western Blots.
SDS-PAGE Gel
ATP5O transfected lysate
Western Blot
Lane 1: ATP5O transfected lysate (23.54 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 — ATP5O

Entrez GeneID[539](#)**GeneBank Accession#**[BC021233](#)**Protein Accession#**[AAH21233](#)**Gene Name**

ATP5O

Gene Alias

ATPO, OSCP

Gene DescriptionATP synthase, H⁺ transporting, mitochondrial F1 complex, O subunit**Omim ID**[600828](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a component of the F-type ATPase found in the mitochondria l matrix. F-type ATPases are composed of a catalytic core and a membrane proton channel. The encoded protein appears to be part of the connector linking these two components and may be involved in transmission of conformational changes or proton conductance. [provided by RefSeq]

Other Designations

human ATP synthase OSCP subunit|mitochondrial ATP synthase, O subunit|oligomycin sensitivity conferring protein

Pathway

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

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)