

Recombinant Full Length Human ATP5O Protein, GST-tagged

Cat. No. ATP5O-1543HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATP5O full-length ORF (AAH21233, 1 a.a. - 213 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	213 amino acids
Description	The protein encoded by this gene is a component of the F-type ATPase found in the mitochondrial 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, Jul 2008]
Molecular Mass	49.17 kDa
AA Sequence	MAAPAVSGLS RQVRCLSTSV VRPFAKLVRP PVQVYGIEGR YATALYSAAS KQNKLEQVEK ELLRVAQILK EPKVAASVLN PYVKRSIKVK SLNDITAKER FSPLTTNLIN LLAENGRLSN TQGVVSAFST MMSVHRGEVP CTVTSASPLE EATLSELKTV LKSFLSQGQV LKLEAKTDPS ILGGMIVRIG EKYVDMSVKT KIQKLGRAMR EIV
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name ATP5O ATP synthase, H⁺ transporting, mitochondrial F1 complex, O subunit [Homo sapiens]

Official Symbol ATP5O

Synonyms ATP5O; ATP synthase, H⁺ transporting, mitochondrial F1 complex, O subunit; ATP synthase subunit O, mitochondrial; ATPO; oligomycin sensitivity conferring protein; OSCP; human ATP synthase OSCP subunit; oligomycin sensitivity conferral protein

Gene ID 539

mRNA Refseq NM_001697

Protein Refseq NP_001688

MIM 600828

UniProt ID P48047

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