

ATP synthase subunit O, mitochondrial (ATP5O) Recombinant Protein | ATP5O recombinant protein

Recombinant Human ATP synthase subunit O, mitochondrial (ATP5O)

CATALOG #
AAA113236

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

ATP synthase subunit O; mitochondrial (ATP5O); Recombinant Human ATP synthase subunit O; ATP5O recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	24-213aa. Full Length of Mature Protein
Sequence	FAKLVRPPVQ VYGIEGRYAT ALYSAASKQN KLEQVEKELL RVAQILKEPK VAASVLNPYV KRSIKVKSLN DITAKERFSP LTTNLINLLA ENGRLSNTQG VVSAFSTMMS VHRGEVPCTV TSASPLEEAT LSELKTVLKS FLSQGQVLKL EAKTDPSILG GMIVRIGEKY VDMSVKTKIQ KLGRAMREIV
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for ATP5O recombinant protein	This protein 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502303
NCBI GeneID	539
NCBI Accession #	NP_001688.1
NCBI GenBank Nucleotide #	NM_001697.2
UniProt Accession #	P48047 ; Q5U042 ; Q6IBI2 ; B2R4E2
Molecular Weight	47.9 kDa
NCBI Official Full Name	ATP synthase subunit O, mitochondrial
NCBI Official Synonym Full Names	ATP synthase peripheral stalk subunit OSCP
NCBI Official Symbol	ATP5PO
NCBI Official Synonym Symbols	ATPO; OSCP; ATP5O; HMC08D05
NCBI Protein Information	ATP synthase subunit O, mitochondrial

UniProt Protein Name	ATP synthase subunit O, mitochondrial
UniProt Gene Name	ATP5O
UniProt Synonym Gene Names	ATPO; OSCP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/atp5o-recombinant-protein-e-coli/113236>