

ATP synthase subunit beta, mitochondrial (ATP5F1B) Recombinant Protein | ATP5B recombinant protein

Recombinant Human ATP synthase subunit beta, mitochondrial (ATP5F1B)

CATALOG # AAA18502	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
------------------------------	---

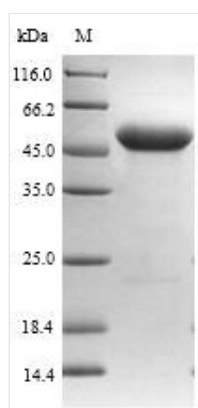
PRODUCT SYNONYMS

ATP synthase subunit beta; mitochondrial (ATP5F1B); Recombinant Human ATP synthase subunit beta; ATP5B 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	48-529aa; Full Length of Mature Protein
Sequence	AQTSPSPKAG AATGRIVAVI GAVVDVQFDE GLPPILNALE VQGRETRLVL EVAQHLGEST VRTIAMDGTE GLVRGQKVLD SGAPIKIPVG PETLGRIMNV IGEPIDERGP IKTKQFAPIH AEAPEFMEMS VEQEILVTGI KVVDLLAPYA KGGKIGLFGG AGVGKTVLIM ELINNVAKAH GGYSVFAGVG ERTREGNDLY HEMIESGVIN LKDATSKVAL VYQMNEPPG ARARVALTGL TVAEYFRDQE GQDVLLFIDN IFRFTQAGSE VSALLGRIPS AVGYQPTLAT DMGTMQERIT TTKKSITSV QAIYVPADDL TDPAPATTFA HLDATTVLSR AIAELGIYPA VDPLDSTSRI MDPNIVGSEH YDVARGVQKI LQDYKSLQDI IAILGMDELS EEDKLTVSRA RKIQRFLSQP FQVAEVFTGH MGKLVPLKET IKGFQQILAG EYDHLPEQAF YMVGPPIEEAV AKADKLAEHH SS
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ATP5B recombinant protein	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 consists of three main subunits (a, b, c). This gene encodes the beta subunit of the catalytic core.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	32189394
NCBI GeneID	506
NCBI Accession #	NP_001677.2
NCBI GenBank Nucleotide #	NM_001686.3
UniProt Accession #	P06576; Q14283; A8K4X0
Molecular Weight	53.8 kDa
NCBI Official Full Name	ATP synthase subunit beta, mitochondrial
NCBI Official Synonym Full Names	ATP synthase F1 subunit beta
NCBI Official Symbol	ATP5F1B
NCBI Official Synonym Symbols	ATP5B; ATPMB; ATPSB; HEL-S-271
NCBI Protein Information	ATP synthase subunit beta, mitochondrial
UniProt Protein Name	ATP synthase subunit beta, mitochondrial
UniProt Gene Name	ATP5B
UniProt Synonym Gene Names	ATPMB; ATPSB

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/atp5b-recombinant-protein-e-coli/18502>