

ATP synthase subunit g, mitochondrial (ATP5MG) Recombinant Protein | ATP5MG recombinant protein

Recombinant Bovine ATP synthase subunit g, mitochondrial (ATP5MG)

CATALOG #
AAA117168

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

ATP synthase subunit g; mitochondrial (ATP5MG); Recombinant Bovine ATP synthase subunit g; ATP5MG 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	2-103aa, Full Length of Mature Protein
Sequence	AEFVRNLAEK APALVNAAVT YSKPRLATFW YYAKVELVPP TP AEIPTAIQ SLKKIINSAK TGSFKQLTVK EALLNGLVAT EVWMWFYVGE IIGKRGIIGY DV
Sequence Length	103
Species	Bovine
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 ATP5MG recombinant protein	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 g subunit of the F0 complex.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	311307317
NCBI GeneID	515696
NCBI Accession #	NP_001019721.4
NCBI GenBank Nucleotide #	NM_001024550.4
UniProt Accession #	Q28852; Q3T0C5
Molecular Weight	18.7 kDa
NCBI Official Full Name	ATP synthase subunit g, mitochondrial
NCBI Official Symbol	ATP5MG
NCBI Official Synonym Symbols	ATP5L

NCBI Protein Information	ATP synthase subunit g, mitochondrial
UniProt Protein Name	ATP synthase subunit g, mitochondrial
UniProt Gene Name	ATP5L
UniProt Synonym Gene Names	ATPase subunit g

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://stage.aaabiotech.com/atp5l-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117168>