

ATP synthase subunit a, chloroplastic (atpl), Recombinant Protein

Cat *RP15858*

Species

Solanum bulbocastanum (Wild potato)

Full Product Name

Recombinant *Solanum bulbocastanum* ATP synthase subunit a, chloroplastic (atpl), partial

Product Gene Name

atpl recombinant protein

Product Synonym Gene Name

atpl

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

27,003 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

ATP synthase

NCBI Accession

YP_538836.1

NCBI GI

91208976

NCBI GenBank Nucleotide

NC_007943.1

NCBI GeneID

3989539

NCBI Official Full Name

ATP synthase CF0 A subunit (chloroplast)

NCBI Official Symbol

atpl

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Protein Information

ATPase IV subunit

UniProt Gene Name

atpl

UniProt Protein Name

ATP synthase subunit a, chloroplastic

UniProt Synonym Protein Names

ATP synthase F0 sector subunit a

UniProt Primary Accession

Q2MIJ9

UniProt Related Accession

Q2MIJ9

UniProt Comments

Key component of the proton channel; it plays a direct role in the translocation of protons across the membrane.

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