

Recombinant Full Length Anthoceros Formosae Atp Synthase Subunit A, Chloroplastic(Atpi) Protein, His-Tagged

Cat. No. RFL1079AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Anthoceros formosae ATP synthase subunit a, chloroplastic(atpl) Protein (Q85AE6) (1-248aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Anthoceros formosae (Hornwort)
Source	E.coli
ProteinLength	Full Length (1-248)
Form	Lyophilized powder
AA Sequence	M Y S A Q S S I S K L T N L C E I S S V E V G Q H F Y W Q I G G F Q V H A Q V L I T S W I V I A I L L G L A I L A T Q N L Q T I P T S G Q N F V E Y I L E F I R D L T R T Q I G E E E Y R P W V P F I G T M F L F I F V S N W S G A L L P W R I F E L P H G E L A A P T N D I N T T V A L A L P T S V A Y F Y A G L R K K G L S Y S G K Y I Q P T P I L L P I N I L E D F T K P L P L S F R L F G N I L A D E L V V A V P I S L V P L V V P I P M M F L G L F T S A I Q A L I F A T L A A A Y I G E S M E G H H
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name

atpI

Synonyms

atpI; ATP synthase subunit a, chloroplastic; ATP synthase F0 sector subunit a; F-ATPase subunit IV

UniProt ID

[Q85AE6](#)

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