

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

Cat. No. RFL622LF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Lolium perenne ATP synthase subunit a, chloroplastic(atpI) Protein (A8Y9G4) (1-247aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Lolium perenne
Source	E.coli
ProteinLength	Full Length (1-247)
Form	Lyophilized powder
AA Sequence	MNIIPCSIKTLKGLYDISGVEVGQHFYWQIGSFQIHAQVLITSWVVITILLGSVVI AVRNPQTVPM D G Q N F F E Y V L E F I R D L S K T Q I G E E Y G 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 K I I E L P H G E L A A P T N D I N T T V A L A L L T S A A Y F Y A G L S K K G L S Y F E K Y I K P T P I L L P I N I L E D F T K P L S L S F R L F G N I L A D E L V V V V L V S L V P L V V P I P V M F L G L F T S G 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 repeated freeze-thaw cycles.

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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; LopeCp027; ATP synthase subunit a, chloroplastic; ATP synthase F0 sector subunit a; F-ATPase subunit IV

UniProt ID [A8Y9G4](#)

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