

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

Cat. No. RFL1975OF Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Full Length Oedogonium cardiacum ATP synthase subunit a, chloroplastic(atpl) Protein (B2X1U8) (1-252aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Oedogonium cardiacum (Filamentous green alga) |
| Source | E.coli |
| ProteinLength | Full Length (1-252) |
| Form | Lyophilized powder |
| AA Sequence | MIEHIFIFNNSTLSNPVFDISEVAVGQHLYWQIGDYQLHGQVLITSWIVLGGVVIIFLL ANSDLKPLPVGLQNFTELVTIFIRDLAKTQIGEEYKWWVPFLGTIFVVFVSNWAGAL L PWRLIELPNGELAAPTNDINTTVSLALLTSVSYFYAGIRKKGLGYFKRYIQPVVFLLP LN VLEDFSKPLSLSFRLFGNILADELIVGVLVALVPLFVPIPLMLLGVFTSAIQALVFAT LA GAYIGESIEDHH |
| 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 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 [B2X1U8](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA