

# Recombinant Full Length Streptococcus Pneumoniae Atp Synthase Subunit A(Atpb) Protein, His-Tagged

Cat. No. RFL4304SF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Streptococcus pneumoniae ATP synthase subunit a(atpB) Protein (B2IQX5) (1-238aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Streptococcus pneumoniae
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-238)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MEESINPIISIGPVIFNLTMLAMTLLIVGVIFVFIYWASRNMTLKPKGKQNVLEYVYDFV IGFTEPNIGSRYMKDYSLFFLCLFLFMVIANNLGLMTKLQTIDGTNWWSSPTANLQYD LT LSFLVILLTHIESVRRRGFKKSIKSFMSPVFVIPMNILEEFTNFLSLALRIFGNIFAGE V MTSLLLLLSHQAIYWYPVAFGANLAWTAFSVFISCIQAYVFTLLTSVYLGKINIEEE
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Applications</b>	SDS-PAGE
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	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](mailto: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**

atpB

**Synonyms**

atpB; SPCG\_1497; ATP synthase subunit a; ATP synthase F0 sector subunit a; F-ATPase subunit 6

**UniProt ID**

[B2IQX5](#)

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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