

# Recombinant Full Length Chlamydia Muridarum V-Type Atp Synthase Subunit I(Atpi) Protein, His-Tagged

Cat. No. RFL11268CF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Chlamydia muridarum V-type ATP synthase subunit I(atpl) Protein (Q9PK88) (1-649aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Chlamydia muridarum

### Source

E.coli

### ProteinLength

Full Length (1-649)

### Form

Lyophilized powder

### AA Sequence

MRINVDKYLFIGRKKSEFFSACRELGAVEFLAKNKLKDSENVRRISEGLKTLNLLTNK  
 YS PSDLVLVKSGYLTTEQLLQEIFDLNHEITTITDSLKALSKEIFRVKPLGNFSSEEIRE  
 LT LKTGLSVRFFYKKHIEGAPLEVEEENVFYLATAYNYDYVVIGVVSLSKDIFTEIEA  
 PRS VGELREEEHLQTLRKKKARVCELYAYREELLEALCEQCNEQTLQHAEASTE  
 DLFDDKV FSALGWVIVDRLTEVEKLCNSLGVYLERVQPDDEVIPITYLENHGLGALG  
 ESLVNIYDTP ASTDKDPSLWVFLSFFVFFSMIINDAGYGLIFLATSFLSFKARKQVKH  
 SLALKRFLKMF MILGGGCVCWGGATTSFFGVSVSYTSPFREYSLTHFLAMKKA EYY  
 LKERPKGYKELVHDY PVLKDKKTPKEFLLAQGTSSGDSVYKAVVYDKFTDNILMEIA  
 LLVGVVHLSLGMRLRYCRQ RYSSIGWVVMCGAYMYLPIYLQAVSLIHYALHVPYELG  
 GQVGYVYVFIGLGI AVLGGII QRGLRGLDEVTAVIQVFSVLSYLRLYALSLAGAMVG  
 NTVMVMSERFSPAVGVLIIFGH TVNIALSIMGGVIHGLRLNFIEWYHYHYSFDGGGRLL  
 HPLKRVICQKSQNI

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<b>Purity</b>	Greater than 90% as determined by 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 multiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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

<b>Gene Name</b>	atpl
<b>Synonyms</b>	atpl; TC_0579; V-type ATP synthase subunit I; V-ATPase subunit I
<b>UniProt ID</b>	<a href="#">Q9PK88</a>

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