

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

Cat. No. RFL33971CF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Chlamydia trachomatis V-type ATP synthase subunit I(atpl) Protein (O84307) (1-649aa), fused to N-terminal His tag, was expressed in E. coli.

Species Chlamydia Trachomatis

Source E.coli

ProteinLength Full Length (1-649)

Form Lyophilized powder

AA Sequence

MRVDVDKYLFIGREKSEFFSACREIGAVEFLSKSKLKDSEKVRKLSEGLKVLNLLTKS
 CS PADLVSTKSGYLVTEQLLQEIFDLNQEITTLTESLKALGKEIVRVKPLGDFSSEEIR
 ELT LKTGLAVRFLYKRHIEGAPLEVEEENVFYLATAYNYDYYAVIGIVSLSKDIFTEIEA
 PRS VNELREEEGHLQALLRKKKARVCELYAYREDLLEALCEQCNEQSLQHAEVSAE
 DLFDDKV FSALGWVIVDRLDEVKKLCLDSLGIYLERVQDPDPDEVIPTYLENHGLGALG
 ESLVNIYDTP ASTDKDPSLWVFFSFFVFFSMIINDAGYGLVFLATSLFLSFKARKQIKR
 SIALKRFLQMF MILGLGCVCWGGATTSFFGVSVSYTSPFREYSLTHFLALKKAEYYL
 KERPKGYKELVHDY PILKEKKTPEFLLAQSTSSGDSVYKAVVYDKFIDNILMEIALLV
 GVVHLSLGLMRYCRQ RYSSIGWVIFMCGAYMYLPIYLQAVSLIHYALHIPYELGGLV
 GYYVAFI GLGVAILGGVI QRGLRGLDEITAVIQVFSVDVLSYLRLYALSLAGAMVGNTV
 MVMSERFSPAVGILIIIFGH TVNIALSIMGGVIHGLRLNFIWYHYHYSFDGGGKLLHPLK
 KVICQKSQNL

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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.
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	atpl
Synonyms	atpl; CT_305; V-type ATP synthase subunit I; V-ATPase subunit I
UniProt ID	O84307

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