

Recombinant Full Length Salmonella Typhimurium Potassium-Transporting Atpase B Chain(Kdpb) Protein, His-Tagged

Cat. No. RFL9195SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Salmonella typhimurium Potassium-transporting ATPase B chain(kdpB) Protein (Q8ZQW2) (1-682aa), fused to N-terminal His tag, was expressed in E. coli.

Species Salmonella typhimurium

Source E.coli

ProteinLength Full Length (1-682)

Form Lyophilized powder

AA Sequence

```
MSRKQLALFEPVLLVQALTDVKKLSPRAQWRNPVMFVWAGSVLTTLLTLAMVTG
QIAG SALFTGIISLWLWFTVLFANFAEALAEGRSKAQANSLKGVKKTAFARRLRAPR
HDAQADN VPAAELRKGDIVLVKAGDIIPCDGEVIEGGASVDESAITGESAPVIRESGG
DFASVTGGT RILSDWLVIACSVNPGETFLDRMIAMVEGAQRKTPNEIALTILLIALT
VFLLATATLW PFSAWGGNAVSVTVLVALLVCLIPPTIGLLSAIGVAGMSRMLGANVI
ATSGRAVEAAGD VDVLLLDKTGTITLGNRQASDFIPARGVDERTLADAAQLASLADE
TPEGRSIVILAKQRF NLRERDVQSLHATFVPFTAQSRMSGINIDNRMIRKGSVDAIRR
HVESNGGHFPADVEQNV ENVARLGATPLVVVEGAHVLGVIALKDIVKGGIKERFAQL
RKMGIKTVMITGDNRLTAAA IAAEAGVDDFLAEATPEAKLALIRQYQAEGRLVAMTG
DGTNDAPALAQADVAVAMNSGTQ AAKEAGNMVDLDSNPTKLIIEVVHIGKQMLMTR
GSLTTFSIANDVAKYFAIIPAAFAATYP QLNALNVMGLHSPNSAILSAVIFNALIIIFLIPL
```

 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

ALKGVSYKPLSASAMLRRNLWIYGLG GLVVPFIGIKVIDVLLTLLGLA

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 kdpB

Synonyms kdpB; STM0705; Potassium-transporting ATPase ATP-binding subunit; ATP phosphohydrolase [potassium-transporting] B chain; Potassium-binding and translocating subunit B; Potassium-translocating ATPase B chain

UniProt ID [Q8ZQW2](https://www.uniprot.org/entry/Q8ZQW2)

 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