

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

Cat. No. RFL28322SF Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length Salmonella heidelberg Potassium-transporting ATPase B chain(kdpB) Protein (B4TBA6) (1-682aa), fused to N-terminal His tag, was expressed in E. coli.   |
| <b>Species</b>          | Salmonella Heidelberg  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Full Length (1-682)  |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | MSRKQLALFEPVLLVQALTDVKKLSPRAQWRNPVMFVWAGSVLTTLLTLAMVTG<br>QIAG SALFTGIISLWLWFTVLFANFAEALAEGRSKAQANSLKGVKKTAFARRLRAPR<br>HDAQADN VPAAELRKGDIVLVKAGDIIPCDGEVIEGGASVDESAITGESAPVIRESGG<br>DFASVTGGT RILSDWLVIACSVNPGETFLDRMIAMVEGAQRKTPNEIALTILLIALT<br>VFLLATATLW PFSAWGGNAVSVTVLVALLVCLIPPTIGLLSAIGVAGMSRMLGANVI<br>ATSGRAVEAAGD VDVLLLDKTGTITLGNRQASDFIPARGVDERTLADAAQLASLADE<br>TPEGRSIVILAKQRF NLRERDVQSLHATFPFTAQSRMSGINIDNRMIRKGSVDAIRR<br>HVESNGGHFPADVEQNV ENVARLGATPLVVVEGARVLGVIALKDIVKGGIKERFAQL<br>RKMGIKTVMITGDNRLTAAA IAAEAGVDDFLAEATPEAKLALIRQYQAEGRLVAMTG<br>DGTNDAPALAQADVAVAMNSGTQ AAKEAGNMVDLDSNP TKLIEVVHIGKQMLMTR<br>GSLTTFSIANDVAKYFAIIPAAFAATYP QLNALNVMGLHSPNSAILS AVIFNALIIIFLIPL |

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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; SeHA\_C0827; 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** [B4TBA6](#)

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