

Recombinant Full Length Halobacterium Salinarum Potassium-Transporting ATPase B Chain(Kdpb) Protein, His-Tagged

Cat. No. RFL13816HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Halobacterium salinarum Potassium-transporting ATPase B chain(kdpB) Protein (P57699) (1-719aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Halobacterium Salinarum
Source	E.coli
ProteinLength	Full Length (1-719)
Form	Lyophilized powder
AA Sequence	MAEITVTIDTDQKQKAISDSFAKLDPQYLVKNPVLVVELGTIIGLVMTIAPGLFGATG S R V Y Y A V I T V L L G F T V I F A N Y A E A Y A E L E G E A Q A D S L R A L Q T E A E G K L L Q N D D V D I E D I S E D D Y E V V A S T E I E Q D A V V F V D E G D I I P R D G T V V E G S A S V D E S A I T G E S E P V I R Q S G G D R T S V V G G T E V L S D R I K V E V T S E E G E S F L D Q M I G L V E D A Q R Q K T P N E I A M T I L L S G L T L V F V V A V A T M F F F G E Y L A S F V G G F A G L D V A E L V A L L V A L M P T T I G A L L A A I R V A G M T R V T R R N V I A K S G R A V E A A G D L D A L I L D K T G T I T T G E R V A Q D F H P L G D A D D A D V V R A S Y Q S S L Y D E T T E G R S I V K L A E K M N G K V Q T D G G Q S A S E E L D E P G D S V D A P R D V S V T L D A E G L S E S N F V P F S A E T R M S G I D L S D G T E I R K G A V D A V E E Y A T T V P G K L R Q K S N A I S E S G G T P L A I A V D G Q V V G I I E L Q D E L K P G I A D R I A E I Q K M G V E T I M A T G D N Q R T A R W V A D Q V G I D E F H A E F D P E E K I E L V E D I Q D D G K L V G M T G D G T N D A P A L A K A D V G L A M N A

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GTNAAKEAGNMVDLDSNPSKIIIEVVGI GKQLLMTRGSLTTFSVANDVAKYFVLLPAIL
 AAAIPGLGAMDILNLSTPASAVTATLMYN AFIIPLLIPLALRGVDYKAQSGAQLLRKNLI
 VYGGGGGLIAPFIFIKAIIDMLFVALGVFQ

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; VNG_6177G; 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 [P57699](#)

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