

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

Cat. No. RFL10468SF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length Staphylococcus aureus Potassium-transporting ATPase B chain(kdpB) Protein (Q2YUH7) (1-675aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Staphylococcus aureus

**Source** E.coli

**ProteinLength** Full Length (1-675)

**Form** Lyophilized powder

**AA Sequence**

```
MHHVNKYFNQTMVIEALKMSFYKLNPKQLIKNPIMFVVEVGMILTLILICFPDIFGTSYL
SRSYLITIFIILLITILFANFSEFAEGRGKAQADSLRQAQSNLTARLIEENGAYRIVNA T
ELKAGQNIRVENGETIPADGVVINGLATVDESAITGESAPVIKESGGDFDGVIGGTLVT
SDWLEIRVESEAGTSFLDKMIALVEGAERNKTPNEIALFTLLTTLTIIFLVVIVTLYPIA S
YLHLILPIAMLIALTVCLIPTTIGLLSAIGIAGMDRVTQFNVLAKSGRAVEVCGDVDV
MILDKTGTITYGNRIASEFLPVNQQMWEKLIVAAYMSSIIDTPEGKSIVRLAKQMYIN
E LPKDIDGTYKPFTAETRMMSGIITNEISVFKGAPNSMINLVKQQQGDIPLNIESICMDV
SS KGGTPLIVIENNVMLGVYILKDVIKDGLVERFAELRKMGIETVMCTGDNALTAATIA
KEA GVDRFVAECKPEDKIKVIKDEQAKGHIVAMTGDGTNDAPALAQANIGLAMNSG
TISAKEA ANLIDLDSNPTKLIEVVKIGKQLLMTRGALTTFSLANDVAKYFAILPALMMS
TIPEMTLL NIMHLSSPKSAIISALIFNALIIVALIPIAMKGVKVKGYSIDRIFINNMLIYGLG
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	GLIVP FLGIKLIDMIVQFFV
<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 mutiple 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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	kdpB
<b>Synonyms</b>	kdpB; SAB1961c; Potassium-transporting ATPase ATP-binding subunit; ATP phosphohydrolase [potassium-transporting] B chain; Potassium-binding and translocating subunit B; Potassium-translocating ATPase B chain
<b>UniProt ID</b>	<a href="#">Q2YUH7</a>

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