Recombinant Full Length Nostoc Sp. Potassium-Transporting Atpase C Chain 2(Kdpc2) Protein, His-Tagged

Cat. No. RFL16526NF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Nostoc sp. Potassium-transporting ATPase C chain 2(kdpC2) Protein (Q8YPF1) (1-199aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Nostoc sp.
Source	E.coli
ProteinLength	Full Length (1-199)
Form	Lyophilized powder
AA Sequence	MSFIREILRAIRITLIFWLVTAIIYPLAILVVGQGLFPIQANGSIMENIEGTPIGSTLIS QVF TSEKYFHSRPSAVRYSQGRKAKPTGISGGSNLAPSNPALLERIIEEANQLRDENVQP IADLIYSSGSGLDPHISVQAARQQLERVARARGVQPDEILLAINKFTDGRFLGIFGEPG V NVLRLNYALDLQDINRQQN
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.

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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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	kdpC2
Synonyms	kdpC2; all4243; Potassium-transporting ATPase KdpC subunit 2; ATP phosphohydrolase [potassium-transporting] C chain 2; Potassium-binding and translocating subunit C 2; Potassium-translocating ATPase C chain 2
UniProt ID	Q8YPF1

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