

Recombinant Full Length Probable Cation-Transporting P-Type Atpase C(Ctpc) Protein, His-Tagged

Cat. No. RFL23048MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Probable cation-transporting P-type ATPase C(ctpC) Protein (POA503) (1-718aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mycobacterium Bovis
Source	E.coli
ProteinLength	Full Length (1-718)
Form	Lyophilized powder
AA Sequence	MTLEVVSDAAGMRVKVDWVRCDSSRAVAVEEAVAKQNGVRVWHAYPRTGSVVV WYSPRR ADRAAVLAAIKGAAHVAAELIPARAPHSAEIRNTDVLRMVIGGVALALLGV RRYVFARPP LLGTTGRTVATGVTIFTGYPFLRGALRSLSRGKAGTDALVSAATVASLI LRENVVALTVL WLLNIGEYLQDLTLRRTTRRAISELLRGNQDTAWVRLTDPSAGSDAA TEIQVPIDTVQIGD EVVVEHVAIPVDGEVVDGEAIVNQSAITGENLPVSVVVGTRVH AGSVVVRGRVVVRAHA VGNQTTIGRIISRVEEAQLDRAPIQTVGENFSRRFVPTSFI VSAIALLITGDVRRAMTML LIACPCAVGLSTPTAISAAIGNGARRGILIKGGSHLEQAG RVDAIVFDKTGTLTVGRP VV TNIVAMHKDWEPEQVLAYAASSEIHSRHPLAEAVIRS TEERRISIPPHEECEVLVGLGMR TWADGRTLLLGSPLLRAEKVRVSKKASEWVDK LRRQAETPLLLAVDGTLVGLISLRDEV RPEAAQVLTKLRANGIRRVMLTGDHPEIAQ VVADELGIDEWRAEVMPEDKLAAVRELQD DGYVVG MVGDGINDAPALAAADIGIAM GLAGTDVAVETADVALANDDLHRLLDVGD LGER AVDVIRQNYGMSIAVNAAGLLIGA

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	GGALSPVLAAILHNASSVAVVANSSRLIRYRLDR
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	ctpC
Synonyms	ctpC; mtaA; BQ2027_MB3298; Manganese-exporting P-type ATPase
UniProt ID	P0A503

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