

Recombinant Full Length Macrolide Export Atp-Binding/Permease Protein Macb 1(Macb1) Protein, His-Tagged

Cat. No. RFL10414YF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Macrolide export ATP-binding/permease protein MacB 1(macB1) Protein (Q7CHI2) (1-649aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Yersinia pestis
Source	E.coli
ProteinLength	Full Length (1-649)
Form	Lyophilized powder
AA Sequence	MAALLELEGIRRSYQSGEEIVDLQDVSLTINAGELVAIIGASGSGKSTLMNILGCLDK P SAGIYRVAGQNVDELDDDALAALRREHFGFIFQRYHLLPHLSAAHNVEVPAVYAGL GKHE RRERANMLLTRLGLGDRVSYQPNQLSGGQQQRVSIARALMNGGQVILADEP TGALDSHSS VEVMAILKQLQQQGHTVIIVTHDPTVAAQAERVIEIKDGRIMADSGSKN EPVVAEEELMS LTPAAPSWQQLVGRFREALLMAWRAMSANKMRTALTMLGIIIGIAS VVSILVVGDAAKQL VLADIRAIGTNTIDIYPGKDFGDDDPSTRQALVHDDMAALKAQS YVSAVSPSIGGSMRLR FGNIDVAASVLGVSDEYFRVFGMAMEQAGAPITREQVERQA QTVVIDLNTQRRFLPHMKDV VGQVILVGNMPATVVGVAEKKSMFGSNKALRVWV PYSTMANRLMGRSYFDSITIRIKEG YSSKEAEQQLVRLLTLRHGKKDIFTYNMDSLL QTAEKTTQTMQLFTLVAVISLVVGIG VMNIMLVSVTERTREIGIRMAVGARSSDV MQQFLIEAVLVCLIGGALGISLSFAIGLIVE MFLPNWRIAFFPMALFSAFLCSTVIGVVF

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	GYLPARSAARLNPIDALARE
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	macB1
Synonyms	macB1; YPO1365; y2813; YP_1229; Macrolide export ATP-binding/permease protein MacB 1
UniProt ID	Q7CHI2

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