

Recombinant Full Length *Chlorobium Chlorochromatii* Macrolide Export Atp-Binding/Permease Protein Macb(Macb) Protein, His-Tagged

Cat. No. RFL4861CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Chlorobium chlorochromatii</i> Macrolide export ATP-binding/permease protein MacB(macB) Protein (Q3ATR5) (1-657aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Chlorobium chlorochromatii</i>
Source	<i>E. coli</i>
ProteinLength	Full Length (1-657)
Form	Lyophilized powder
AA Sequence	MSALLELVQVRSYTIGESEVAALRGVSLTIERGEFVAIMGASGSGKSSLLHILGLLDT P DKGSYRIAGSDVATLSDDARASLRNHVAGFVFQQFHLLRRMSIEDNVRLPMLYSG VERSS NLQAEAIRRLEMVGLAHLHHTPSQLSGGEQQRVAIARALIRQPAIIFADEPT GNLDTRN SLEIMKILQGLHEEGKTIVMVTHEPDIAAYADRIITMRDGVIIISDERKATAT VLPSSDSP FVLPTTAIAAWWHYKRLSGFVAQAMQAILANKMRSLLSMLGILVGVASV IAMMALGEGAR VAMQEELKAMGSNMLSVRGGSAKIRGTSQGAGAVTRFTVKDVEA IAALRPLVRNASGVVN GSARVVYGNRNWSSLLGAGYDYGTMRALPTVGRWFTA EELQRRDKVAIIGVTVARELF GESNPLGKTIKINRINFTVIGLAPAKGFVGPQDEDDIV MIPLSTAMYRVLGRDYLSGIFV EVAEHRVDEARQRIAAFIRQRHRLPVDDDSFYIR DMTEIQKMLSSTTRTMSLLLGAIAA ISLVVGGIGIMNIMLVSVTERTREIGLRKALGAR

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	NSDIMLQFLVESAGMTLLGGVLGLLV GIGVALGLTLVAGWAVKISLFSVLLATLFSAV TGLFFGLWPAQKAAALKPVEALRYE
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	macB
Synonyms	macB; Cag_0337; Macrolide export ATP-binding/permease protein MacB
UniProt ID	Q3ATR5