

Recombinant Full Length *Erwinia Carotovora* Subsp. *Atroseptica* Macrolide Export Atp-Binding/Permease Protein Macb(Macb) Protein, His-Tagged

Cat. No. RFL33058PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Erwinia carotovora</i> subsp. <i>atroseptica</i> Macrolide export ATP-binding/permease protein MacB(macB) Protein (Q6D8T5) (1-650aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Pectobacterium atrosepticum</i>
Source	<i>E. coli</i>
ProteinLength	Full Length (1-650)
Form	Lyophilized powder
AA Sequence	MSTSLKLTGITRRFTNGEQDVTVLKDINLTINQGEMVAIVGASGSGKSTLMNILGCL DK PSAGDYQVAGRAVGKLDNDQLAELRREHFGFIFQRYHLLGDLTALGNVEVPAIY AGKSRL ARRQRAADLLTRLGLENRLHYRPSQLSGGQQQRVSIARALMNAGGIILAD EPTGALDTHS GNEVLSILRDLHRQGNTVVIVTHDMTIAEHAQRVIELRDGEVIADRQT RPEEATASSPEA ASSPATSALNQFKDRFIDAFKMALLAMNAQRMRTFLTMLGIIIGIA SVVSVVALGKGSQE QVLANINSMGTSTLEIFPGKGFGDMDASAIQTLRASDIQPLTQ QPYVHSVTPSVSTSVTM RYGNIAVSASISGVGEQFFTVRGYTLERGVLFPRSSVDE LTQDAVIDKNTRDKLFPHGED PIGQVILVGSPLPVRIGVVSKNQGGFGSDENLNVWV PYTTVMKRMVGQSYLKSITVRVKD NVDMSIAEQRITDLLMQRHGTCKDFIMNTDSIR QMIEKTTTTLTLLVSMIALISLLVGGI GVMNIMLVSVTERTREIGVRMAVGARTSDIMQ

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	QFLIEAVLVCLFGGIAGVALSLAIGVLF AQLSSNFAMIYSSSSIIAFLCSSLIGIIFGFFP ARRAARMEPIHALERE
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; ECA0887; Macrolide export ATP-binding/permease protein MacB
UniProt ID	Q6D8T5