

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

Cat. No. RFL3205SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Syntrophobacter fumaroxidans Macrolide export ATP-binding/permease protein MacB(macB) Protein (A0LM36) (1-715aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Syntrophobacter fumaroxidans
Source	E.coli
ProteinLength	Full Length (1-715)
Form	Lyophilized powder
AA Sequence	MDLIELQDIRKTYRLGEIDVPVLRGISLKVSPGDFVALMGTSKSGKTTLMNILGCLDR PT SGHYRFDGQDVVDLTPDQRAALNRKIGFVFQNFNLLPRMSAVENVMMPLSYA GGGVSDQ NGRERAGALLTRMGLGEHLDNEPSQLSGGQQQRVAIARALINNPSLLF ADEPTGNLDSAT SEEVLRVFQRLNEEEGVTIILVTHDPSVAQCARRIVRIRDGVIEPE SGAVGDMPQVSKAA PAQSKPVHSAMRRGDLDKFRSLHTALSSLRRNVLRAALT LGIIIGVAAVIAMMEIGRG SSTAIQRTIASMGAHTLALLPGTAASGGVSFGGGSVMTM TPQDSEAIVNECPAVLAAAPI VRARTQVVHGSRNWVPAGIYGTTPTFLEIREWPLAE GDVFTERDVRNASKVCVLGQRLVD ELFQGENPIGLEVRIKNVAFKVIGVLSPKGAN MMGMDQDDLLLAPWTAIKYRVTGSSLAN VNQSAASTSSASITDQVNSLSNLYPTEK VVLYPEISTTQAFDTPLPVRFTNVDQILVGIR STSGTRAAIRQIGEVLRERHRLRPGE

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PDDFSVRDMTEMTKTLASTATMMTKLLLAVALIS LIVGGVGIMNIMMVSVTERTREIG
LRMAVGARAKNILQQFLFEAVLLCFLGGAVGILVGR GISHLVTVLLNWPTLSLDAIL
AAVGVSATVGIVFGYYPAWKASRLDPIVALRYE

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; Sfum_2810; Macrolide export ATP-binding/permease protein MacB

UniProt ID [A0LM36](#)

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