

Recombinant Full Length Shewanella Sp. Macrolide Export Atp-Binding/Permease Protein Macb(Macb) Protein, His-Tagged

Cat. No. RFL4507SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Shewanella sp. Macrolide export ATP-binding/permease protein MacB(macB) Protein (A1RG29) (1-647aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Shewanella sp.
Source	E.coli
ProteinLength	Full Length (1-647)
Form	Lyophilized powder
AA Sequence	MSAALLEISGCYRTFQAGEQQLTVLKDVNLTIERGEMVAIVGASGSGKSTLMNILGCL DK PSKGAYFINGQDTSTMDADELAQLRREHFGFIFQRYHLLSDLTAGNVEVPAVYA GKERS ARKDRAEHLRLGLGDRLDHKPNQLSGGQQQQRVSVARALMNGGDVILAD EPTGALDSHS GEEMMQLLQELHSDGHTIIIVTHDMNVAQYADRIIEIKDGIISDERKT KAPKHVDTAVT KINNRRIRVASWDYVEAFKMALLAMSTHRLRTFLTMLGIIIGIASVVS VVALGEGSQREI LNSISSMGNTNTIDIRPGFGFGDRRSGKVKT LIVKDADALKHLPYVD SVTPTVDSSMTLRY GNKAVTTVNVGVGPEFFRVRGYELAMGQFWEDESVSSLAQ DAVIDDKVRKELFPRSSPIG EVIFIGNLPVRIIGVTEPKDSVFGKSDSLNVWLPYTTLS GRIVGKNYLNGITVRLNESVP SNAAEQGIITLLKMRHGIEDFFTINTDAIRQNIKTTAT MTLLISAIAVISLIVGGIGVM NIMLVSVTERTREIGVRMAVGARQSDILRQFLIEAVLVC

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	LCGGTLGIALAYLIGVVFAQT GGSFQMIYSTTSIVAAFACSTLIGVLFGFLPARNAARL DPVDALARE
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; Sputw3181_0773; Macrolide export ATP-binding/permease protein MacB
UniProt ID	A1RG29