

Recombinant Full Length Methylococcus Capsulatus Lipid A Export Atp-Binding/Permease Protein Msba(Msba) Protein, His-Tagged

Cat. No. RFL18272MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Methylococcus capsulatus Lipid A export ATP-binding/permease protein MsbA(msbA) Protein (Q60AA3) (1-601aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Methylococcus capsulatus
Source	E.coli
ProteinLength	Full Length (1-601)
Form	Lyophilized powder
AA Sequence	<p>MKHSASESKPLSSGLAIYRLLRYGFPYWRSFCVAVVAMIAYAAITPFFAKLIQPLIDG S FIDNDPTVLRQVSLMLIGLSVLRGIAGFLSEYCSGSVGRRIADLRRDIFDQLLNLP CSF YDNASGGQLLSKLLYNTEQVSASLQQGIITCIREGFTVIGLMALMVYQNPVLSLV FLVLG PVLGLSVRFVSKRFRRLSMRIQESMGKVSHVTQEVIDAQRIVKVFNGKDYE AKFATEND RNQKRQMKLIATDALGGGVHILISVAGVAGILYVVSLSVRQTITPGSLM AFIAAMAMML SPIRRLSQVVSVMQRGIAAGDSIFAMLDLPRERDRGRISLKRARGSI EYRHVSLVYDDRH GAAVDDVSLVIPAGKTVALVGQSGSGKTSVRLLPRLYEATAG EILIDGHDIRELTLESL RRQIAYVGQEVTLFNDTVASNIAYGCLDRVGLDAVREAARA ANALDFIETLPQGFDTLVG QQGIVLSGGQRQRIAIARALLKNAPILILDEATSALDAES ERYVQQALEVLMQNRRTTLVI AHRLSTIQNADQICVMRGGRIIECGTHAQLMAARGGY</p>

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ADLYAMQFGYSSVPEAVAVHAVR R

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 multiple 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 msbA

Synonyms msbA; MCA0964; ATP-dependent lipid A-core flippase; Lipid A export ATP-binding/permease protein MsbA

UniProt ID [Q60AA3](https://www.uniprot.org/entry/Q60AA3)

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