

# Recombinant Full Length Yersinia Pestis Bv. Antiqua Lipid A Export Atp-Binding/Permease Protein Msba(Msba) Protein, His-Tagged

Cat. No. RFL33941YF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Yersinia pestis bv. Antiqua Lipid A export ATP-binding/permease protein MsbA(msbA) Protein (Q1CGH0) (1-582aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Yersinia pestis bv. Antiqua
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-582)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>MMNDKDLSTWQTFRRLWPTISPYKAGLIVAAIALILNAASDTFMLSLLKPLDDGFGN  SN SSILKWMLAVIGLMVVRGVTGFVSSYICISWVSGKVMHIRRRLFSHMMGMPVS  FFDQQS TGTLRSRITYDSEQVAASSSSALVTVVREGASIIGLFIMMFYYSWQLSLILIVI  APIVSI SIRLVSKRFRNISKNMQNTMGEVTTSAEQMLKGHKEVLIFGGQKVETERFD  AVSNRMRQQ GMKLVSASSISDPIIQLIASFALALVLYAASFPSVMETLTAGTITVVFSA  MIALMRPLKS LTNVNTQFQRGMAACQTLFSILDMEQEKDEGKLEVERAKGDIEFRH  VTFYYPGKDTPALN DINIHLEAGKTVALVGRSGSGKSTIANLLTRFYDVSEGSILLDG  HDLRDYRLGALRNQVA LVSQNVHLFNDTVANNIAYARNEQYSRAEIEEAARMAYAM  DFINKMEHGLDVTIGENGIM LSGGQRQRIAIARALLRNCPIILDEATSALDTERAI  QAALDELQKNRTSLVIAHRLS TIEKADEIVVIEDGRIVERGVHAEELLVQQGVYAQLNR</p>

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	MQFGQ
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	msbA
<b>Synonyms</b>	msbA; YPN_2582; YP516_2909; ATP-dependent lipid A-core flippase; Lipid A export ATP-binding/permease protein MsbA
<b>UniProt ID</b>	<a href="#">Q1CGH0</a>

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