

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

Cat. No. RFL1263BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Bordetella pertussis Lipid A export ATP-binding/permease protein MsbA(msbA) Protein (Q7VWD8) (1-623aa), fused to N-terminal His tag, was expressed in E. coli.

Species Bordetella pertussis

Source E.coli

ProteinLength Full Length (1-623)

Form Lyophilized powder

AA Sequence

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MLAWRPGRPDGCQAAGGRRYNPGHDCIKASVSLNSAARNAPAGSQPVKAELWKR
VYSRVG SYWKGLVLAVLLMAGAAATQPTLAVIMKPLDDGFSGAKPHYVWFLPLAV
VGLILLRGIC NFFSDYLLAWVANNVLRGIRGEMFERLLGLPDADFKRGDTGRLLNRF
TIDAGNVTGYATD VITVLVRETLVVIALIGVLLYMSWALTLIILVMLPVSVGIARAFTRR
LRRINRETVNMNA ELTRVVSEGIDGQRVIKLFDGDAERRRFDVNSRLRRRFAMRS
ATADAALPLTQVCISV AVGAVIAVALSQANSALTVGSFASFMAALAQIFDPIKRLT
NLAGKMQMLVAAESVFTL VDQTPEADAGTRALPEPVRGKVEFRAVSHRFPDADR
DTVSAVSFLVEPGQTVALVGRSGS GKTTLVNMLPRFVLPDGGDILFDDVPIQDLTLR
SLRSHLSLVSQDVVLFDDTIAANVGYG AGGTVDDARVRDALAAANLLEFVDGLPLGI
HTPVGQNAARLSGGQRQLAIARALIKNAP VLILDEATSALDNESERQVQASLERLM
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RGR TTLVIAHRLSTVQNADRIIVLDAGKIVEHG PHEL LAANGLYASLYNMQFRED

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; BP2321; ATP-dependent lipid A-core flippase; Lipid A export ATP-binding/permease protein MsbA

UniProt ID [Q7VWD8](https://www.uniprot.org/entry/Q7VWD8)

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