

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

Cat. No. RFL24621TF **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Full Length Thiobacillus denitrificans Lipid A export ATP-binding/permease protein MsbA(msbA) Protein (Q3SFZ6) (1-579aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Thiobacillus denitrificans |
| Source | E.coli |
| ProteinLength | Full Length (1-579) |
| Form | Lyophilized powder |
| AA Sequence | MSAPTSRHLYGRLLGYVKPHWRMFALSIVGLILTAATEPMLPALFKPLLDEGFVAKD QDF IRWVPLLLLGLFVLRGVASFISTYSMAWVGSRLVMDLRAAMFDKLMALPTRYF DQNPSGQ LIAQLAFNVTQVTQSATSSLTTLVRDVTVLGLLGYLVWLNWRLTLIVFA LVPLTLWVVR VASKRLRGLSRKAQENIGDLTQVVDEAVGGHRVVKLYGGETYEQA RFHRAANLARQFEMK RVAANAVYEPVIQFIAAIALAIIVFIAAGQASANTTTVGGFVAF FMAMLLLFAPLKRLTA VNDQLQRGLAASETIFALLDQDAERDTGTREPAHIEGRLAF RDVGLTYPGKQTPALARIS LDIAPGETVALVGASGSGKTTLANLVPRFYDPDAGRIE LDGVDIRDVKLQSLRGHIALVS QDVVLFNDTLAHNIAYGSKREASPDEIRAACVAAH AWDFIQAMPDGLDTLIGENGMRLSG GQRQRIAIARAILKNAPILILDEATSALDSESE RHVQAALETLMQNRRTTLVIAHRLSTIE RANRIVVLEGGRIVETGAHADLLAKQGRYA |

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|-------------------------|---|
| | QLHALQFSQ |
| 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 | msbA |
| Synonyms | msbA; Tbd_2507; ATP-dependent lipid A-core flippase; Lipid A export ATP-binding/permease protein MsbA |
| UniProt ID | Q3SFZ6 |

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