

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

Cat. No. RFL35060XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Lipid A export ATP-binding/permease protein MsbA(msbA) Protein (Q5H0H0) (1-589aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Xanthomonas oryzae pv. oryzae
Source	E.coli
ProteinLength	Full Length (1-589)
Form	Lyophilized powder
AA Sequence	MTNSTDRPVS SVSSWR TYRRLVAF AKPYRLLLVAALIAALIEAAGTTGFLALMKPITDE TF IYKNAEVS RWLPVQIILLFVVRGIAGYITDMAMGKSARS IARDLRIKVMAYKLR LPG SRF DSEPVPSMLIRLGSDSDQVAQA AVDAIKVMIQQLQVIGALALMLWHSWQVTL TILVLAP VLAWVMDKVARRYRRISHSIQESGAHLLQAADQTLSSHQEVKIYGAQQTE MERYGALADR NLRLAMKVESTRGISTATVQMIGAIGLSALLFVAGA QALAGRLTAGD FVVLMTSMLTIIP GLKQLTNVQN MVQRGLASAERLFSVLDSPDEPDQGAVALTRAK GLIEFRDVTARYPGQVN PALADV SFIAQPGTVTAIVGRSGSGKSSLIKLI PRFYDAEA GQILLDGGQP VQAYALADLR RQIALVGQQV MLFDGSI AENVAFGEMRSADASQLERAI LGANAMEFVAQLPEGLQSHVGA KGGRLSGGQRQLAIARAMLKDAPILILDEATAAL DNESERLVQDALHKLMPDR TTLVIA HRLSTIEHADQVLVMDQGRIVERGTHHELLAQ GGLYSHLHGMQFRERQA
Purity	Greater than 90% as determined by SDS-PAGE.

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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; XOO2297; ATP-dependent lipid A-core flippase; Lipid A export ATP-binding/permease protein MsbA
UniProt ID	Q5H0H0

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