

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

Cat. No. RFL583NF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Nitrosococcus oceani Lipid A export ATP-binding/permease protein MsbA(msbA) Protein (Q3J7R8) (1-597aa), fused to N-terminal His tag, was expressed in E. coli.

Species Nitrosococcus oceani

Source E.coli

ProteinLength Full Length (1-597)

Form Lyophilized powder

AA Sequence

MTFTPSLNSGLAVYRRLLSYTRPYRWIFAASIITMAIYAATETGLAALMKPLMDGSFIE
 R DPATIQIIPLLLIGLFVIRGGANFITQYGLKWVARRVVRDLREQMFCHLLALPARYYD
 QK ASGQLLAKLIYDVEQVSNAATDAILTIIRDLSLILGLLAWMAYLNGLLTLIILVTAPLI
 A LIIWWVSHRFRRISRKIQNSMGDVSQVAQETIEGHREVKIFGGQTYEAERFDQVNE
 QNRR QTMKMAATDAISQPVVQLIAVLGLAGVIHLATRESMLAQISVGTFFISFITAMML
 LLGPVK RLTKINGTLQRGIAAAQSIFGLLAETPEADRGQQSLRRARGAIRFEHLSFCY
 EPAKGPVL ENIDLEIKPYQTIALVGHSGSGKSTLVSLARFYETTSGRILIDEMDIQTL
 RLTELRRQI ALVSQQIILFNDTIAHNIAYGSYQQTSKQDIIRAAEAAHAMEFINRLPDGL
 DTVIGEKGVL LSGGQRQRLAIARALLKDAPILILDEATASLDTEAERHIQAALETLMRQ
 RTTLVIAHRL STVENADQIIVLHQGQIIERGTHSQLLARESHYAGLYRLQFRHSHEHV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	SPLSANVGL
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; Noc_2675; ATP-dependent lipid A-core flippase; Lipid A export ATP-binding/permease protein MsbA
UniProt ID	Q3J7R8

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