

# Recombinant Full Length Pseudomonas Aeruginosa Glycosyltransferase Alg8(Alg8) Protein, His-Tagged

**Cat. No.** RFL25966PF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Pseudomonas aeruginosa Glycosyltransferase alg8(alg8) Protein (Q52463) (1-494aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Pseudomonas aeruginosa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Full Length (1-494)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MMETYKRGLAEATGWLVLFLSLLMVLALAVPKTVFDADSKDFILLIGAVGIWRYSMGG<br>VHF LRGMLFLHVVPYYRRRVRQLGSAADPSHVFLMVTSEFRIDALTTAMVYRSVIRE<br>AIDSGY PTTVCSIVEMSDEVLVRLWEKMNPDRVSLDFVRIPGTGKRDGLAYGF<br>RAISRHLRDD DAVVAVIDGDTVLDHGVVKKTPWFKLFPNVGGLTTNEFCEVQGGY<br>VMSEWHKLRFQRH INMCSMALSKRVLTMTGRMSVFRARVVTNPEFITDVENDHL<br>EHWRLGRFKFLTGDCKSSW FSLMRLGYDTFYVPDAAINTVEHPPEKSFIKASRKLM<br>YRWYGNLRLQNSRALKLGARRLG WFTMLVLFDQRVSMWTSLLGLVVAILASLKYSI<br>AFLVYLLWIGLTRVLTLTLLSLSGHR IGPAYPLILYYNQIVGALVKIYVFFRLDRQSWT<br>RQPTKLERGLASFQRWFNAWSSRAMTF SAASIFVAVLLTIV |
| <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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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

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**

alg8

**Synonyms**

alg8; PA3541; Mannuronan synthase; Glycosyltransferase Alg8

**UniProt ID**

[Q52463](#)

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