

# Recombinant Full Length *Marinomonas* Sp. Monofunctional Biosynthetic Peptidoglycan Transglycosylase(Mtga) Protein, His-Tagged

Cat. No. RFL1128MF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length <i>Marinomonas</i> sp. Monofunctional biosynthetic peptidoglycan transglycosylase(mtgA) Protein (A6VRW7) (1-225aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
<b>Species</b>	<i>Marinomonas</i> sp.
<b>Source</b>	<i>E. coli</i>
<b>ProteinLength</b>	Full Length (1-225)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MAKRKQGIFGRIWFVAWRFLLLFVIVLFLFRFVPLPTTSFMLQSQYPVKHTWISIDKLP T YMPLAVVASEDQRFPDHFVDFGVDFTAISKALDQYDDGDGLRGASTITQQTAKNLFLW SGRSF IRKGLEAGLAIGLETLWGKKRILEVYLNIAEFGKGIYGVEAASQHYFGRSASK LTMNQAA RLAVLLPSRTRNPNDLTFYLRERVDWVERQMQQLGPDYLPKPIE
<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 for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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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** mtgA

**Synonyms** mtgA; Mmwyl1\_0254; Biosynthetic peptidoglycan transglycosylase; Glycan polymerase; Peptidoglycan glycosyltransferase MtgA; PGT

**UniProt ID** [A6VRW7](#)

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