Recombinant Full Length Yersinia Pestis Bv. Antiqua Monofunctional Biosynthetic Peptidoglycan Transglycosylase(Mtga) Protein, His-Tagged

Cat. No. RFL15900YF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Yersinia pestis bv. Antiqua Monofunctional biosynthetic peptidoglycan transglycosylase(mtgA) Protein (Q1CE18) (1-241aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Yersinia pestis bv. Antiqua
Source	E.coli
ProteinLength	Full Length (1-241)
Form	Lyophilized powder
AA Sequence	MISVRRGFSQLWYWGKRGVIGIIALWMAGILIFAFLPVPFSMVMIERQLGAWLTGDFA YV AHSDWVPMDEISPYMALAVMAAEDQKFPDHWGFDVGAIESALSHNQRNQKRIR GASTLSQ QTAKNVFLWDGRSWVRKGLEVGLTAGIELIWTKRRILTVYLNIAEFGNGI FGVEAAARHF FNKPASKLSASEAALLAAVLPNPLRFKVNAPSGYVISRQQWILRQM HQLGGKTFLQENTL D
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.

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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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	mtgA
Synonyms	mtgA; YPN_3435; YP516_3905; Biosynthetic peptidoglycan transglycosylase; Glycan polymerase; Peptidoglycan glycosyltransferase MtgA; PGT
UniProt ID	Q1CE18

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