

Recombinant Full Length Staphylococcus Aureus Monofunctional Glycosyltransferase(Mgt) Protein, His-Tagged

Cat. No. RFL3616SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Staphylococcus aureus Monofunctional glycosyltransferase(mgt) Protein (Q5HEQ0) (1-269aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Staphylococcus aureus
Source	E.coli
ProteinLength	Full Length (1-269)
Form	Lyophilized powder
AA Sequence	MKRSDRYSNSNEHFEHMKHEPHYNTYYQPVGKPPKKKKSKRILLKILLTILIIIALFIGI MYFLSTRDNVDELRLKIENKSSFVSADNMPEYVKGAFISMEDERFYNNHHGFDLKGTT RALF STISDRDVQGGSTITQQVVKNFYDNDRSFTRKVKELFVAHRVEKQYNKNEIL SFYLNNI YFGDNQYTLGAANH YFGTTVNKNSTTMSHITVLQSAILASKVNAPSVYNI NNMSENFTQ RVSTNLEKMKQQNYINETQYQQAMSQNLNR
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

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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**

mgt

Synonyms

mgt; SACOL1932; Monofunctional glycosyltransferase; MGT; Peptidoglycan TGase

UniProt ID

[Q5HEQ0](#)

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