

Recombinant Full Length Staphylococcus Aureus Poly-Beta-1,6-N-Acetyl-D-Glucosamine Synthase(Icaa) Protein, His-Tagged

Cat. No. RFL5173SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Staphylococcus aureus Poly-beta-1,6-N-acetyl-D-glucosamine synthase(icaA) Protein (Q8NUI7) (1-412aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Staphylococcus aureus
Source	E.coli
ProteinLength	Full Length (1-412)
Form	Lyophilized powder
AA Sequence	MQFFNLLFYFPVFMMSIYWIVGSIYFYFTREIRYSLNKKPDINVDELEGITFLLACYNESD TIEDTLNVLALKYEKKEIIINDGSSDNTAELIYKIKENNDFFVLDLQENRGKANALNQ GIKQASYDYVMCLDADTIVDQDAPYYMIENFKHDPKLGAVTGNPRIRNKSSILGKIQTI E YASLIGCIKRSQTLGAVNTISGVFTLFKKS AVVDVGYWDTDMITEDIAVSWKLHLR GYR IKYEPLAMCWMLVPETLGGLWKQVRVWAQGGHEVLLRDFSTMTKTRFPLYI LMFEQIIS ILWVYIVLLYLG YLFITANFLDYTFMTYSFSIFLLSSFTMTFINVIQFTVALFI DSRYEK KNMAGLIFVSWYPTVYWIINAAVVLVAFPKALKRKKGGYATWSSPDRGNT QR
Purity	Greater than 90% as determined by SDS-PAGE.

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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	icaA
Synonyms	icaA; MW2586; Poly-beta-1,6-N-acetyl-D-glucosamine synthase; PNAG synthase; Poly-beta-1,6-GlcNAc synthase; Biofilm polysaccharide intercellular adhesin synthesis protein IcaA; Biofilm PIA synthesis protein IcaA; Intercellular adhesion protein A; N-acetylgl
UniProt ID	Q8NUI7