

Recombinant Full Length Staphylococcus Aureus Sensor Protein Lyts(Lyts) Protein, His-Tagged

Cat. No. RFL18451SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Staphylococcus aureus Sensor protein lytS(lytS) Protein (Q53705) (1-584aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Staphylococcus aureus
Source	E.coli
ProteinLength	Full Length (1-584)
Form	Lyophilized powder
AA Sequence	MLS L T M L L L E R V G L I I L A Y V L M N I P Y F K N L M N R R R T W K A R W Q L C I I F S L F A L M S N L T G I V I D H Q H S L S G S V Y F R L D D D V S L A N T R V L T I G V A G L V G G P F V G L F V G V I S G I F R V Y M G G A D A Q V Y L I S S I F I G I I A G Y F G L Q A Q R R K R Y P S I A K S A M I G I V M E M I Q M L S I L T F S H D K A Y A V D L I S L I A L P M I I V N S V G T A I F M S I I I S T L K Q E E Q M K A V Q T H D V L Q L M N Q T L P Y F K E G L N R E S A Q Q I A M I I K N L M K V S A V A I T S K N E I L S H V G A G S D H H I P T N E I L T S L S K D V L K S G K L K E V H T K E E I G C S H P N C P L R A A I V I P L E M H G S I V G T L K M Y F T N P N D L T F V E R Q L A E G L A N I F S S Q I E L G E A E T Q S K L L K D A E I K S L Q A Q V S P H F F F N S I N T I S A L V R I N S E K A R E L L L E L S Y F F R A N L Q G S K Q H T I T L D K E L S Q V R A Y L S L E Q A R Y P G R F N I N I N V E D K Y R D V L V P P F L I Q I L V E N A I K H A F T N R K Q G N D I D V S V I K E T A T H V R I I V Q D N G Q G I S K D K M H L L G E T S V E S E S G T G S A L E N L N L R L K G L F G K S A A L Q F E S T S S G T T F W C V L P Y E R Q E E E
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	lytS
Synonyms	lytS; SAOUHSC_00230; Sensor histidine kinase/phosphatase LytS; Autolysin sensor kinase
UniProt ID	Q53705

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