

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

**Cat. No.** RFL1463SF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Sensor protein lytS(lytS) Protein (Q8DVB6) (1-580aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Streptococcus mutans serotype c

### Source

E.coli

### ProteinLength

Full Length (1-580)

### Form

Lyophilized powder

### AA Sequence

MLMILLFQRLGIIMILAFLLVNNYSYFRQLIEERSKREKLVLIIFGIFVIISNMTGIEIT SDK  
 SLVERPILTTISHSDSLANRRTLVTITASLVGGPLVGTVVGFIVGHRFFQGNFSGA F  
 YIVSSALVGYISGRLGDQLKTNNLYPSTSQVIVISIIAESIQMLFVGFFTGWDLVKLIF IP  
 MMLLNSLGSTLFLAILKTYLSNERQLRAVQTRDVLDTQQTLPYLRQGLSQQSATKV  
 C NIIKQHTNFDVGLTDRTNVLAHIGVGQDHHIAGQAVKTDLSKSVILNGQPQIALDK  
 TAI ACPDQSCLLNSAIVVPLKINNETVGALKMYFSGDKKMTEVEENLALGLAQIFSGQ  
 LAIGI AEEQNKLANIAEIKALQSQINPHFFFNAIN TISALIRLDANKARYALMQLSTFFRT  
 SLQG GQDREISLEQEKAHVDAVMNLEKLRFPDKYQLDYHITVSTKMTLPPFGLQVL  
 VENA VRHA FKERKKDNHICISITDQGEFYKVAVSDNGQGISP NMIDKLGQETVSESK  
 GTGTALVNLNN RLNLLYGSASQLHFDSTDQGT VVWYEIPYQKGDKDEHFNS

### Purity

Greater than 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<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 multiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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

<b>Gene Name</b>	lytS
<b>Synonyms</b>	lytS; SMU_577; Sensor protein LytS
<b>UniProt ID</b>	<a href="#">Q8DVB6</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA