



# Recombinant Soluble lytic murein transglycosylase (slt)

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| <b>Product Code</b>      | CSB-YP314183EOD  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | P0AGC4   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Escherichia coli O157:H7   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | DSL DEQRSRYAQI KQAWDNRQMD VVEQMMPGLK DYPLYPLEY<br>RQITDDL MNQ PAVTVTNFVR ANPTLPPART LQSRFVNELA RREDWRGLLA<br>FSPEKPGTTE AQCNYYYAKW NTGQSEEAWQ GAKELWLTGK<br>SQPNACDKLF SVWRASGKQD PLAYLERIRL AMKAGNTGLV TVLAGQMPAD<br>YQTIASAIIS LANNPNTVLT FARTTGATDF TRQMAAVAFA SVARQDAENA<br>RLMIPSLAQA QQLNEDQIQE LRDIVAWRLM GNDVTDEQAK WRDDAIMRSQ<br>STSLIERRVR MALGTGDRRG LNTWLARLPM EAKEKDEWRY WQADLLLERG<br>REAEAKEILH QLMQQRGFYP MVAAQRIGEE YELKIDKAPQ NVDSALTQGP<br>EMARVRELMY WNLNTARSE WANLVKSKSK TEQAQLARYA<br>FNNQWWDLSV QATIAGKLWD HLEERFPLAY NDLFKRYTSG KEIPQSYAMA<br>IARQESAWNP KVKSPVGASG LMQIMPGTAT HTVKMFSIPG YSSPGQLLDP<br>ETNINIGTSY LQYVYQQFGN NRIFSSAAYN AGPGRVRTWL GNSAGRIDAV<br>AFVESIPFSE TRGYVKNVLA YDAYRYFMG DKPTLMSATE WGRRY |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | slt  |
| <b>Protein Names</b>     | Recommended name: Soluble lytic murein transglycosylase EC= 4.2.2.n1<br>Alternative name(s): Exomuramidase Peptidoglycan lytic exotransglycosylase<br>SlT70  |
| <b>Expression Region</b> | 28-645   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | Full Length of Mature Protein  |
| <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.  |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life  |



of lyophilized form is 12 months at -20°C/-80°C.