



# Recombinant Escherichia coli O127:H6 6-phosphogluconolactonase (pgl)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-YP017861EOB   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | B7ULP0  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Escherichia coli O127:H6 (strain E2348/69 / EPEC)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MKQTVYIASP ESQQIHVWNL NHEGALTLTQ VVDVPGQVQP MIVSPDKRYL<br>YVGV RPEFRV LAYRIAPDDG ALTFAAESAL PGSPHISTD HLGQFV FVGS<br>YNAGNVS VTR LEDGLPVG VV DVVEGLDGCH SANISPDNRT LWVPALKQDR<br>ICLFTV SDDG HLVAQDPAEV TTVGAGPRH MVFHPNEQYA YCVNELNSSV<br>DVWELKDPHG NIECVQTLDM MPENFS DTRW AADIHITPDG RHLYACDRTA<br>SLITVFSVSE DGSVLSKEGF QPTETQPRGF NVDHSGKYLI AAGQKSHHIS<br>VYEIVGEQGL LHEKGRYAVG QGPMWVVVNA H          |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | pgl   |
| <b>Protein Names</b>     | Recommended name: 6-phosphogluconolactonase Short name= 6-P-gluconolactonase EC= 3.1.1.31   |
| <b>Expression Region</b> | 1-331   |
| <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 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. 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.   |