



# Recombinant Escherichia coli O127:H6 N-acetyl-D-glucosamine kinase (nagK)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-YP015415EOB   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | B7UPY3  |
| <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>          | MYYGFDIGGT KIALGVFDSG RQLQWEKRVP TPRDSYDAFL DAVCELVAEA<br>DRRFGCKGSV GIGIPGMPET EDGTLYAANV PAASGKPLRA DLSARLDRDV<br>RLDNDANCFALSEAWDDEFT QYSLVMGLIL GTGVGGGLIF NGKPITGKSY<br>ITGEFGHMRL PVDALTMML DFPLRRCGCG QHGCNIENYLS GRGFAWLYQH<br>YYHQPLQAPE IIAFYDQGDE QARAHVERYL DLLAVCLGNI LTIVDPDLVV<br>IGGGLSNFPA ITTQLAERLP RHLLPVARVP RIERARHGDA GGMRGAAFLH<br>LTD  |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | nagK  |
| <b>Protein Names</b>     | Recommended name: N-acetyl-D-glucosamine kinase EC= 2.7.1.59 Alternative name(s): GlcNAc kinase   |
| <b>Expression Region</b> | 1-303   |
| <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.<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.  |