



Recombinant *Gluconobacter oxydans* Polyol:NADP oxidoreductase (por)

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|--------------------------|---|
| Product Code | CSB-EP301322GGU-B |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P80354 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Gluconobacter oxydans</i> (strain 621H) (<i>Gluconobacter suboxydans</i>) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MITRETLKSL PANVQAPPYD IDGIKPGIVH FGVGNFFRAH EAFYVEQILE HAPDWAIVGV GLTGSDRSKK KAEFKAQDC LYSLTETAPS GKSTVRVMGA LRDYLLAPAD PEAVLKHLVD PAIRIVSMTI TEGGYNINET TGAFDLENAA VKADLQNPEK PSTVFGYVVE ALRRRRDAGG KAFTVMSCDN LRHNGNVARK AFLGYAKARD PELAKWIEEN ATFPNGMVDR ITPTVSAEIA KKLNAASGLD DDLPLVAEDF HQWVLEDRFA NGRPPLEKAG VQLVDDVTDW EHVKIRMLNA GHITLCFPGI LVGYENVDDA IEDKDLRGNL ENYLNKDVIP TLKAPPGMTL EGYRDSVISR FSNKAMSDQT LRIASDGCSK IQVFWTETVR RAIECKRDLS RIAFGIASYL EMLRGRDEKG GTYESSEPTY GEAQKKLAKA DDFESALKLP AFDGWRDLDT SELDQKVIAL RKVIREKGVK AAIPA |
| Source | E.coli |
| Target Names | por |
| Protein Names | Recommended name: Polyol:NADP oxidoreductase EC= 1.1.1.- |
| Expression Region | 1-485 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | full length protein |
| 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. |
| Shelf Life | 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. |