



# Recombinant Glycerol-3-phosphate dehydrogenase [NAD (+)], glycosomal

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-YP309340LDQ   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | P90551  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Leishmania mexicana   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MSTKQHS AKD ELLYLNKAVV FGSGAFGTAL AMVLSKKCRE VCVWHMNEEE<br>VRLVNEKREN VLFLKGVQLA SNITFTSDVE KAYNGAEIIL FVIPTQFLRG<br>FFEKSGGNLI AYAKEKQVPV LVCTKGIERS TLKFP AEIIG EFLPSPLLSV<br>LAGPSFAIEV ATGVFTCVSI ASADINVARR LQRIMSTGDR SFVCWATTD T<br>VGCEVASAVK NVLAIGSGVA NGLGMGLNAR AALIMRGLLE IRDLTAALGG<br>DGS AVFGLAG LGDLQLTCSS ELSRNFTVGK KLGKGLPIEE IQRTSKAVAE<br>GVATADPLMR LAKQLKVKMP LCHQIYEIVY KKKNPRDALA DLLSCGLQDE<br>GLPPLFKRSA STPSKL |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | GPD   |
| <b>Protein Names</b>     | Recommended name: Glycerol-3-phosphate dehydrogenase [NAD(+)],<br>glycosomal EC= 1.1.1.8  |
| <b>Expression Region</b> | 1-366   |
| <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.  |