



# Recombinant Dictyostelium discoideum Glutathione reductase (gsr)

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| <b>Product Code</b>      | CSB-BP009968DKK  |
| <b>Abbreviation</b>      | gsr  |
| <b>Storage</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.   |
| <b>Uniprot No.</b>       | Q8T137   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Dictyostelium discoideum (Slime mold)  |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MSSTNHFTYL VLGAGSGGIA SARRAAKHLN AKGNGDRIGI VEVTRPGGTC<br>VNVGCVPKKV MWNTSFIKEM INAAPSYGFD FGGQQVKFNW PTIKKARDEY<br>IKRLNGIYDS NLAKDNI VRI NGRYGRFSGPK EIQVNGANGE KYTADHILIA<br>AGGRPTVPDV PGKELGITSD GFFELEDLPK STLVVGAGYI AVELAGVLHS<br>LGSETTMVIR QKQFLRTFDE MLHTTLLKQM TDDGVKVFTE ASIKSLERDV<br>DGKRIIATTN AGVKLPPVEC VIWAIGRVPN TDDLIDKAG IQLTEQSGFI<br>KVDEFQNTNV PGVHAVGDIC GNFLLPVAI AAGRRLSERL FNGKSDLKFE<br>YENVATV VFS HPPIGTVGLT EQEAITKYGT ENIKCYNTSF INMFYSVQVH<br>KVRTSMKLVLC LGKEEKVIGL HIIGDGCDEI IQGFAVAVKM GCTKWDL DNT<br>CAIHPTS AEE LVTMV |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | gsr  |
| <b>Protein Names</b>     | Recommended name: Glutathione reductase Short name= GR Short name=<br>GRase EC= 1.8.1.7  |
| <b>Expression Region</b> | 1-465  |
| <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  |



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