



Recombinant Dictyostelium discoideum Glutathione reductase (gsr)

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| Product Code | CSB-EP009968DKK |
| Abbreviation | gsr |
| Storage | 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. |
| Uniprot No. | Q8T137 |
| Product Type | Recombinant Protein |
| Immunogen Species | Dictyostelium discoideum (Slime mold) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MSSTNHFTYL VLGAGSGGIA SARRAAKHLN AKGNGDRIGI VEVTRPGGTC VNVGCVPKKV MWNTSFIKEM INAAPSYGFD FGGQQVKFNW PTIKKARDEY IKRLNGIYDS NLAKDNI VRI NGYGRFSGPK EIQVNGANGE KYTADHILIA AGGRPTVPDV PGKELGITSD GFFELEDLPK STLVVGAGYI AVELAGVLHS LGSETTMVIR QKQFLRTFDE MLHTTLLKQM TDDGVKVFTE ASIKSLERDV DGKRIIATTN AGVKLPPVEC VIWAIGRVPN TDDLIDKAG IQLTEQSGFI KVDEFQNTNV PGVHAVGDIC GNFLLPVAI AAGRRLSERL FNGKSDLKFE YENVATV VFS HPIIGTVGLT EQEAITKYGT ENIKCYNTSF INMFYSVQVH KVRTSMKLVLC LGKEEKVIGL HIIGDGCDEI IQGFAVAVKM GCTKWDL DNT CAIHPTS AEE LVTMV |
| Source | E.coli |
| Target Names | gsr |
| Protein Names | Recommended name: Glutathione reductase Short name= GR Short name= GRase EC= 1.8.1.7 |
| Expression Region | 1-465 |
| 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.