



Recombinant Dictyostelium discoideum Glutathione reductase (gsr)

Product Code	CSB-MP009968DKK
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 PGKELGITS D GFFELEDLPK STLVVGAGYI AVELAGVLHS LGSETTMVIR QKQFLRTFDE MLHTTLLKQM TDDGVKVFTE ASIKSLERDV DGKRIIATTN AGVKLPPVEC VIWAIGRVPN TDDL GIDKAG IQLTEQSGFI KVDEFQNTNV PGVHAVGDIC GNFL LTPVAI AAGRRLSERL FNGKSDLKFE YENVATVVFS HPPIGTVGLT EQEAITKYGT ENIKCYNTSF INMFYSVQVH KVRTSMKLVC LGKEEKVIGL HIIGDGCDEI IQGFAVAVKM GCTKWDL DNT CAIHPTS AEE LVTMV
Source	Mammalian cell
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.