



Recombinant *Saccharomyces cerevisiae* Glutathione reductase (GLR1)

Product Code	CSB-EP009968SVG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P41921
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	<p>MLSATKQTFR SLQIRTMSTN TKHYDYLVIG GGSGGVASAR RAASYGAKTL LVEAKALGGT CVNVGCVPKK VMWYASDLAT RVSHANEYGL YQNLPLDKEH LTFNWPEFKQ KRDAYVHRLN GIYQKNLEKE KVDVVFVGWAR FNKDG NVEVQ KRDNTTEVYS ANHILVATGG KAIFPENIPG FELGTDSDGF FRLEE QPKKV VVVGAGYIGI ELAGVFHGLG SETHLVIRGE TVLRKFDECI QNTITDHYVK EGINVHKLSK IVKVEKNVET DKLKIHMNDS KSIDDVDELI WTIGRKSHLG MGSENVGIKL NSHDQIIADE YQNTNVPNIY SLGDVVGKVE LTPVAIAAGR KLSNRLFGE KFRNDKLDYE NVPSVIFSHP EAGSIGISEK EAIEKYGKEN IKVYNSKFTA MYYAMLSEKS PTRYKIVCAG PNEKVVGLHI VGDSSAEILQ GFGVAIKMGA TKADFDNCVA IHPTSAEELV TMR</p>
Source	E.coli
Target Names	GLR1
Protein Names	Recommended name: Glutathione reductase Short name= GR Short name= GRase EC= 1.8.1.7
Expression Region	1-483
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.