



Recombinant *Schizosaccharomyces pombe* Glutathione reductase (pgr1)

Product Code	CSB-EP009968SXV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P78965
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	<p>MAPISKVFDY LVIGGGSGGL ASARRAAKHG AKVALIEASG RLGGTCVNYG CVPKKIMWNI ADLVAKMKTA KQNGFPNSQL GSFDWGMIKR KRDAYIGRLN GIYERNVNKD GVAYISGHAS FVSPTEVAVD MNDGSGTQVF SAKYILIAVG GHPIWPSHIP GAEYGIDSDG FFELESQPKR VAIVGAGYIA VELAGVFAAL GTETHMFIRQ SKFLRKFDP IISDGIMDFHQ HIGINVHTNS LEFKKVEKLP SGELCIHQD GSTFNVD TLL WAIGRAPKIQLRLLEKAGVK TLPNGIIAD TYQRTNVPTV LSLGDVCGKL ELTPVAIAAG RRLSDRLF GG IKDAHLDYEE VPSVFAHPE AGTIGLTEQE AIDKYGESQI KVYNTKF NGL NYSMVEQEDK VPTTYKLVCA GPLQKVGLH LVGDFSAEIL QGFGVAIKMG ATKSDFDSCV AIHPTSAEEL VTLV</p>
Source	E.coli
Target Names	pgr1
Protein Names	Recommended name: Glutathione reductase Short name= GR Short name= GRase EC= 1.8.1.7
Expression Region	1-464
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.