



Recombinant Rat Glutathione reductase (Gsr)

Product Code	CSB-EP009968RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P70619
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	VNVGCVPKKV MWNTAVHSEF IHDHVDYGFQ NCKSKFNWHV IKEKRDAYVS RLNNIYQNNL TKSHIEVIHG YATFRDGPQP TAEVNGKKFT APHILIATGG VPTVPHENQI PGASLGITSD GFFQLEDLPS RSVIVGAGYI AVEIAGILSA LGSKTSLMIR HDKVLRSFDS LISSNCTEEL ENAGGVEVLT VKKFSQVKEV KKTSSGLELH VVTALPGRKP TVTTIPDVDC LLWAIGRDPN SKGLNLNKLK IQTDDKGHIL VDEFQNTNVK GUYAVGDVCG KALLTPVAIA AGRKLAHRLF EGKEDSRLDY DNIPTVVFVSH PPIGTVGLTE DEAVHKYKGD NVKIYSTAFT PMYHAVTTRK TKCVMKMVCA NKEEKVVGIIH MQGIGCDEML QGFAVAVKMG ATKADFDNRV AIHPTSSEEL VTLR
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	1-424
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.