



Recombinant Human Glutathione reductase, mitochondrial (GSR)

Product Code	CSB-EP009968HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P00390
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MACRQEP QPQGPPPAAG AVASYDYLVI GGGSGGLASA RRAAELGARA AVVESHKLG GTCVNVGCVPK KVMWNTAVHS EFMHDHADYG FPSCEGKFNW RVIKEKRDAY VSRLNAIYQN NLTKSHIEII RGHAAFTSDP KPTIEVSGKK YTAPHILIAT GGMPSTPHES QIPGASLGIT SDGFFQLEEL PGRSVIVGAG YIAVEMAGIL SALGSKTSLM IRHDKVLRFS DSMISTNCTE ELENAGVEVL KFSQVKEVKK TLSGLEVSMV TAVPGRLPVM TMIPDVDCLL WAIGRVPNTK DLSLNKLG IQ TDDKGHIIVD EFQNTNVKGI YAVGDVCGKA LLTPVAIAAG RKLAHRLF EY KEDSKLDYNN IPTVVF SHPP IGTVGLTEDE AIHKYGIENV KTYSTSFTPM YHAVTKRRTK CVMKMCANK EEKVVG IHMQ GLGCDEMLQG FAVAVKMGAT KADFDNTVAI HPTSSEELVT LR
Source	E.coli
Target Names	GSR
Protein Names	Recommended name: Glutathione reductase, mitochondrial Short name= GR Short name= GRase EC= 1.8.1.7
Expression Region	44-522
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 of Mature 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.