



Recombinant Callithrix jacchus Glutathione reductase, mitochondrial (GSR)

Product Code	CSB-EP384847CYL-B
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.	A2TIL1
Product Type	Recombinant Protein
Immunogen Species	Callithrix jacchus (White-tufted-ear marmoset)
Purity	≥85% (SDS-PAGE)
Sequence	MACRQEP QPQGPPPSAG AVVSYDYLVI GGGSGGLASA RRAAELGARA AVVESHKLGG TCVNVGCVPK KVMWNTAVHS EFLHDHGDYG FSSCEGKFNW RVIKEKRDY VSRLNTIYQN NLTKAHIEII HGHAVFTSDT KPTIEVSGRK YTAPHILIAT GGMPSSPHES QIPGASLGIT SDGFFELEEL PSRSVIVGAG YIAVEIAGIL SALGSKTSLM IRHDKVLSRF DSMISTNCTE ELENAGVEVL KFSQVKEVKK TSSGLEVSLV TAVPGRLPVM TTISDVDCLL WAIGRDPNSK GLSLNKLGIK TDDKGHIIVD EFQNTNVKGI YAVGDVCGKA LLTPVAIAAG RKLAHRLFEN KEDSKLDYNN IPTVVFSSHPP IGTVGLTEDE AIHKYGKENV KIYSTSFTPM YHAVTKRRTK CVMKMVCAYE EEKVVGIHMQ GLGCDEMLQG FAVAVKMGAT KADFDNTVAI HPTSSEELVP 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.