



# Recombinant Mouse Glutathione reductase, mitochondrial (Gsr)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-EP009968MO-B  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | P47791  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Mus musculus (Mouse)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | <p>MASP GEPQPPAPDT SSFDYLVIGG GSGGLASARR AAELGARRAAV<br/>         VESHKLGATC VNVGCVPKKV MWNTAVHSEF MHDHVDYGFQ<br/>         SCEGKFSWHV IKQKRDAYVS RLNTIYQNNL TKSHIEIIHG YATFADGPRP<br/>         TVEVNGKKFT APHILIATGG VPTVPHEsqI PGASLGITSD GFFQLEDLPS<br/>         RSVIVGAGYI AVEIAGILSA LGSKTSLMIR HDKVLRFNFDs LISSNCTEEL<br/>         ENAGVEVLKF TQVKEVKKTS SGLELQVVTS VPGRKPTTTM IPDVDCLLWA<br/>         IGRDPNSKGL NLNKVGIQTD EKGHILVDEF QNTNVKGVYA VGDVCGKALL<br/>         TPVAIAAGRK LAHRLFECkQ DSKLDYDNIP TVVFSHPPIG TVGLTEDEAV<br/>         HKYgKDNVki YSTAFTPMYH AVTTRKTKCV MKMVCANKEE KVVGIHMQGI<br/>         GCDEMLQGFA VAVKMGATKA DFDNTVAIHP TSSEELVTLR</p> |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | Gsr   |
| <b>Protein Names</b>     | Recommended name: Glutathione reductase, mitochondrial Short name= GR<br>Short name= GRase EC= 1.8.1.7  |
| <b>Expression Region</b> | 27-500  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Reconstitution</b>    | 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.   |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |