



# Recombinant Mouse Glutathione reductase, mitochondrial (Gsr)

<b>Product Code</b>	CSB-EP009968MO
<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          VESHKLLGGTC VNVGCVPKKV MWNTAVHSEF MHDHVDYGFQ          SCEGKFSWHV IKQKRDAYVS RLNTIYQNNL TKSHIEIIHG YATFADGPRP          TVEVNGKKFT APHILIATGG VPTVPHEsqI PGASLGITSD GFFQLEDLPS          RSVIVGAGYI AVEIAGILSA LGSKTSLMIR HDKVLRFNFDs LISSNCTEEL          ENAGVEVLKF TQVKEVKKTS SGLELQVVTS VPGRKPTTTM IPDVDCLLWA          IGRDPNSKGL NLNKVGIQTD EKGHILVDEF QNTNVKGVYA VGDVCGKALL          TPVAIAAGRK LAHRLFECkQ DSKLDYDNIP TVVFSHPPIG TVGLTEDEAV          HKYGKDNVKI YSTAFTPMYH AVTTRKTKCV MKMVCANKEE KVVGIHMQGI          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 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. 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.