



# Recombinant Mouse Glutathione reductase, mitochondrial (Gsr)

<b>Product Code</b>	CSB-BP009968MO
<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 AAELGARA AV  VESHKLG GTC VNVGCVPKKV MWNTAVHSEF MHDHVDYGFQ  SCEGKFSWHV IKQKRDAYVS RLNTIYQNNL TKSHIEI IHG YATFADGPRP  TVEVNGKKFT APHILIATGG VPTVP HESQI PGASLGITSD GFFQLEDLPS  RSVIVGAGYI AVEIAGILSA LGSKTSLMIR HDKVLRNFDS 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>	Baculovirus
<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.