



# Recombinant Escherichia coli Glutathione reductase (gor)

<b>Product Code</b>	CSB-EP009968ENV
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P06715
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MTKHYDYIAI GGGSGGIASI NRAAMYGQKC ALIEAKELGG TCVNVGCVPK  KVMWHAAQIR EAIHMYGPDY GFDTTINKFN WETLIASRTA YIDRIHTSYE  NVLGKNNVDV IKGFAFVDA KTLEVNGETI TADHILIATG GRPSHPDIPG  VEYGIDSDGF FALPALPERV AVVGAGYIAV ELAGVINGLG AKTHLFVRKH  APLRSFDPMI SETLVEVMNA EGPQLHTNAI PKAVVKNTDG SLTLELEDGR  SETVDCLIWA IGREPANDNI NLEAAGVKTN EKGIVVDKY QNTNIEGIYA  VGDNTGAVEL TPVAVAAGR RLSERLFNNKP DEHLDYSNIP TVVFSHPPIG  TVGLTEPQAR EQYGDDQVKV YKSSFTAMYT AVTTHRQPCR MKLVCVGSEE  KIVGIHGIGF GMDEMLQGFA VALKMGATKK DFDNTVAIHP TAAEEFVTMR</p>
<b>Source</b>	E.coli
<b>Target Names</b>	gor
<b>Protein Names</b>	Recommended name: Glutathione reductase Short name= GR Short name= GRase EC= 1.8.1.7
<b>Expression Region</b>	1-450
<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 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.