



Recombinant Rat D-3-phosphoglycerate dehydrogenase (Phgdh)

Product Code	CSB-EP017920RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O08651
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	AFANLRKIL ISDSLDPCCR KILQDGGGLQV VEKQNLSKEE LIAELQDCEG LIVRSATKVT ADVINAAEKL QVVGRAGTGV DNVLDLEATR KGVLMNTPN GNSLSAAELT CGMLMCLARQ IPQATASMKD GKWDRKKFMG TELNGKTLGI LGLGRIGREV AARMQAFGMK TVGYDPIISP EVAASFGVQQ LPLEEIWPLC DFITVHTPLL PSTTGLLNDS TFAQCKKGVR VVNCARGGIV DEGALLRALQ SGQCAGAALD VFTEEPPRDR ALVDHENVIS CPHLGASTKE AQSRCGEEIA VQFVDMVKGK SLTGVVNAQA LTSAFSPHTK PWIGLAEALG TLMHAWAGSP KGTIQVVTQG TSLKNAGTCL SPAVIVGLLR EASKQADVNL VNAKLLVKEA GLNVTTSHP GVPGEQGIGE CLLTVALAGA PYQAVGLVQG TTPMLQMLNG AVFRPEVPLR RGQPLLLFRA QPSDPVMLPT MIGLLAEAGV QLLSYQTSKV SDGDTWHVMG LSSLLPSLDA WKQHVSEAFQ FCF
Source	E.coli
Target Names	Phgdh
Protein Names	Recommended name: D-3-phosphoglycerate dehydrogenase Short name= 3-PGDH EC= 1.1.1.95
Expression Region	2-533
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.