



Recombinant Escherichia coli NADP-specific glutamate dehydrogenase (gdhA)

Product Code	CSB-EP365435ENV-B
Storage	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.
Uniprot No.	P00370
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MDQTSLSLESF LNHVQKRDPN QTFAQAVRE VMTTLWPFLE QNPKYRQMSL LERLVEPERV IQFRVWVDD RNQIQVNRW RVQFSSAIGP YKGGMRFHPS VNLSILKFLG FEQTFKNALT TLPMGGGKGG SDFDPKGKSE GEVMRFCQAL MTELYRHLGA DTDVPAGDIG VGGREVGfMA GMMKKLSNNT ACVFTGKGLS FGGSLIRPEA TGYGLVYFTE AMLKRHGMGF EGMRVSVSGS GNVAQYAIEK AMEFGARVIT ASDSSGTVVD ESGFTKEKLA RLIEIKASRD GRVADYAKEF GLVYLEGQQP WSLPVDIALP CATQNELDVD AAHQLIANGV KAVAEGANMP TTIEATELFQ QAGVLFAPGK AANAGGVATS GLEMAQNAAR LGWKAQEKVDA RLHHIMLDIH HACVEHGEG EQTNYVQGAN IAGFVKVADA MLAQGVI
Source	E.coli
Target Names	gdhA
Protein Names	Recommended name: NADP-specific glutamate dehydrogenase Short name= NADP-GDH EC= 1.4.1.4
Expression Region	1-447
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 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.