



Recombinant Glutamate dehydrogenase (gdhA)

Product Code	CSB-EP525556TMS-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.	O74024
Product Type	Recombinant Protein
Immunogen Species	Thermococcus profundus
Purity	>85% (SDS-PAGE)
Sequence	MVEIDPFEMA VKQLERAAQY MDISEEALEW LKKPMRIVEV SVPIEMDDGS VKVFTGFRVQ HNWARGPTKG GIRWHPAETL STVKALATWM TWKVAVVDLP YGGGKGGIIV NPKELSEREQ ERLARAYIRA VYDVIGPWTD IPAPDVYTNP KIMGWMMDEY ETIMRRKGPA FGVITGKPLS IGGSLGRGTA TAQGAIFTIR EAAKALGIDL KGKIAVQGY GNAGYYTAKL AKEQLGMTVV AVSDSRGGIY NPDGLDPDEV LKWKREHGSV KDFPGATNIT NEELLELEVD VLAPAAIEEV ITEKNADNIK AKIVAEVANG PVTPEADDIL REKGILQIPD FLCNAGGVTV SYFEWVQNIN GYYWTEEEVR EKLDKKMTKA FWEVYNTHKD KNIHMRDAAY VVAVSRVYQA MKDRGWVKK
Source	E.coli
Target Names	gdhA
Protein Names	Recommended name: Glutamate dehydrogenase Short name= GDH EC= 1.4.1.3
Expression Region	1-419
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.