



Recombinant Zea mays Glutamate dehydrogenase (GDH1)

Product Code	CSB-EP673746ZAX
Abbreviation	GDH1
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.	Q43260
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	MNALAATSRN FKQAAKLLGL DSKLEKSLLI PFREIKVECT IPKDDGTLAS YVGRVQHDN ARGPMKGGIR YHHEVDPDEV NALAQLMTWK TAVANIPYGG AKGGIGCSPG DLSISELERL TRVFTQKIHD LIGIHTDVPA PDMGTNSQTM AWILDEYSKF HGYS PAVVTG KPVDLGGSLG RDAATGRGVL FATEALLAEH GKGIAGQRFV IQGFGNVGSW AAQLISEAGG KVIAISDVTG AVKNVDGLDI AQLVKHSAEN KGIKGFKGGD AIAPDSLLTE ECDVLIPAAL GGVINKDNAN DIKAKYIIEA ANHPTDPEAD EILSKKGVLI LPDILANSGG VTVSYFEWVQ NIQGFMWDEE KVNAELRTYI TRAFGNVKQM CRSHSCDLRM GAFTLGVNRV ARATVLRGWE A
Source	E.coli
Target Names	GDH1
Protein Names	Recommended name: Glutamate dehydrogenase Short name= GDH EC= 1.4.1.3
Expression Region	1-411
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.