



Recombinant Arabidopsis thaliana Glutamate dehydrogenase 1 (GDH1)

Product Code	CSB-YP009544DOA
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.	Q43314
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MNALAATNRN FKLAARLLGL DSKLEKSLLI PFREIKVECT IPKDDGTLAS FVGFRVQHDN ARGPMKGGIR YHPEVDPDEV NALAQLMTWK TAVAKIPYGG AKGGIGCDPS KLSISELERL TRVFTQKIHD LIGIHTDVPA PDMGTGPQTM AWILDEYSKF HGYS PAVVTG KPIDLGGSLG RDAATGRGVM FGTEALLNEH GKTISGQRFV IQGFGNVGSW AAKLISEKGG KIVAVSDITG AIKNKDGIDI PALLKHTKEH RGVKGF DGAD PIDPNSILVE DCDILVPAAL GGVINRENAN EIKAKFII EA ANHPTDPDAD EILSKKGVVI LPDIYANSGG VTVSYFEWVQ NIQGF MWEEE KVND ELKTYM TRSFKDLKEM CKTHSCDLRM GAFTLGVNRV AQATILRGWG A
Source	Yeast
Target Names	GDH1
Protein Names	Recommended name: Glutamate dehydrogenase 1 Short name= GDH 1 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.