



Recombinant *Schizosaccharomyces pombe* NADP-specific glutamate dehydrogenase (gdh1)

Product Code	CSB-EP304425SXV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P78804
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MSTPYEPEFQ QAYKEIVGSI ESKLFEVHP ELKRVLP IIS IPERVLEFRV TWEDDKGNCR VNTGYRVQFN SALGPYKGG L RFHPSVNL SI LKFLGF EQIF KNALTGLPMG GKGKGSDFDP KGKSDNEIRR FSQAFMRQLF RYIGPQTDVP AGDIGVTGFV VMHMFGEYKR LRNEYSGVVT GKHMLTGGSN IRPEATGYGV VYYVKH MIEH RTKGAETLKG KRVAISGSGN VAQYAALKCI QEGAIVKSI S DSKGVLI AKT AEGLVPEEIH EIMALKEKRA SIADSASLCK KHHYIAGARP WTNVGEIDIA LPCATQNEVS GEEAALIKQ GCRYVAEGSN MGSSAEAVEV FEKSRASGEG CWLAPGKAAN AGGVAVSGLE MAQNAQFSTW THAEVDAKLA GIMQNIFEQS TDVASKYCD S GSN NIPSLVD GANIAGFLKV ATAMQAVGDW W
Source	E.coli
Target Names	gdh1
Protein Names	Recommended name: NADP-specific glutamate dehydrogenase Short name= NADP-GDH EC= 1.4.1.4 Alternative name(s): NADP-dependent glutamate dehydrogenase
Expression Region	1-451
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.