



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

<b>Product Code</b>	CSB-YP304425SXV
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P78804
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSTPYEPEFQ QAYKEIVGSI ESKLFEVHP ELKRVLP IIS IPERVLEFRV TWEDDKGNCR VNTGYRVQFN SALGPYKGG LRFHPSVNL SI LKFLGFEQIF KNALTGLPMG GKGKGSDFDP KGKSDNEIRR FSQAFMRQLF RYIGPQTDVP AGDIGVTGFV VMHMFGEYKR LRNEYSGVVT GKHMLTGGSN IRPEATGYGV VYYVKHMI EH RTKGAETLKG KRVAISGSGN VAQYAALKCI QEGAIVKSIS DSKGVLI AKT AEGLVPEEIH EIMALKEKRA SIADSASLCK KHHYIAGARP WTNVGEIDIA LPCATQNEVS GEEAALIKQ GCRYVAEGSN MGSSAEAVEV FEKSRASGEG CWLAPGKAAN AGGVAVSGLE MAQNAQFSTW THAEVDAKLA GIMQNIFEQS TDVASKYCD S GSNIPSLVD GANIAGFLKV ATAMQAVGDW W
<b>Source</b>	Yeast
<b>Target Names</b>	gdh1
<b>Protein Names</b>	Recommended name: NADP-specific glutamate dehydrogenase Short name= NADP-GDH EC= 1.4.1.4 Alternative name(s): NADP-dependent glutamate dehydrogenase
<b>Expression Region</b>	1-451
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.