



Recombinant *Saccharomyces cerevisiae* Glycerol-3-phosphate dehydrogenase [NAD (+)] 1

Product Code	CSB-EP311439SVG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q00055
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	SAAADRLNL TSGHLNAGRK RSSSSVSLKA AEKPFKVTVI GSGNWTGTTIA KVVAENCKGY PEVFAPIVQM WVFEIEINGE KLTEIINTRH QNVKYLPGIT LPDNLVANPD LIDSVKDVDI IVFNIPHQFL PRICSQLKGH VDSHVRAISC LKGFEVGAKG VQLLSSYTE ELGIQCGALS GANIATEVAQ EHWSETTVAY HIPKDFRGEK KDVDHKVLKA LFHRPYFHVS VIEDVAGISI CGALKNVVAL GCGFVEGLGW GNNASAAIQR VGLGEIIRFG QMFFPESREE TYYQESAGVA DLITTCAGGR NVKVARLMAT SGKDAWECEK ELLNGQSAQG LITCKEVHEW LETGGSVEDF PLFEAVYQIV YNNYPMKNLP DMIEELDLHE D
Source	E.coli
Target Names	GPD1
Protein Names	Recommended name: Glycerol-3-phosphate dehydrogenase [NAD(+)] 1 EC=1.1.1.8
Expression Region	2-391
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 of Mature 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.