



Recombinant Glycerol-3-phosphate dehydrogenase [NAD (+)], glycosomal

Product Code	CSB-EP309340LDQ
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P90551
Product Type	Recombinant Protein
Immunogen Species	Leishmania mexicana
Purity	>85% (SDS-PAGE)
Sequence	MSTKQHS AKD ELLYLNKAVV FGSGAFGTAL AMVLSKKCRE VCVWHMNEEE VRLVNEKREN VLFLKGVQLA SNITFTSDVE KAYNGAEIIL FVIPTQFLRG FFEKSGGNLI AYAKEKQVPV LVCTKGIERS TLKFP AEIIG EFLPSPLLSV LAGPSFAIEV ATGVFTCVSI ASADINVARR LQRIMSTGDR SFVCWATTD VGCEVASAVK NVLAIGSGVA NGLGMGLNAR AALIMRGLLE IRDLTAALGG DGS AVFGLAG LGDLQLTCSS ELSRNFTVGK KLGKGLPIEE IQRTSKAVAE GVATADPLMR LAKQLKVKMP LCHQIYEIVY KKKNPRDALA DLLSCGLQDE GLPPLFKRSA STPSKL
Source	E.coli
Target Names	GPD
Protein Names	Recommended name: Glycerol-3-phosphate dehydrogenase [NAD(+)], glycosomal EC= 1.1.1.8
Expression Region	1-366
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.