



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

Product Code	CSB-MP310860TQV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P90593
Product Type	Recombinant Protein
Immunogen Species	Trypanosoma brucei brucei
Purity	>85% (SDS-PAGE)
Sequence	MVSGVTYLKR GAVFGSGAFG TALACVLAKK CESVSVWHMN ANEARVVNQK HENVYFLPGA PLPANLTFTA DAEECAKGAE IVLFVIPTQF LRGFLQKNSH ILRNHVVSRN VPVVMCSKGI ERSSLLFPAQ ILEEFLPNYP IGVIAGPSFA IEVAKGMLTN VCTAAADINM ARKIQRIMTT SDGSFRCWAT TDVIGCEIAS AMKNVLAIAS GALKGLGTEN NARAALISRG LLEIRDLTLA LGGTGEAVFG LPGLGDLTLLT CSSELSRNFT VGMKLGQGIS LEEIKRTSKA VAEGVATAEP LERLAKKHNA DLPICHEVYN VLYANGCAKR SFKKLNSCKL ADEGLPALPR TSKM
Source	Mammalian cell
Target Names	GPD
Protein Names	Recommended name: Glycerol-3-phosphate dehydrogenase [NAD(+)], glycosomal EC= 1.1.1.8
Expression Region	1-354
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.