Recombinant Glycerol-3-phosphate dehydrogenase [NAD (P)+] (gpsA)

Product Code	CSB-MP838020CMB
Abbreviation	gpsA
Storage	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.
Uniprot No.	Q8XJK2
Product Type	Recombinant Protein
Immunogen Species	Clostridium perfringens (strain 13 / Type A)
Purity	>85% (SDS-PAGE)
Sequence	MSKVAFLGAG SFGTSLGILL GNKGVTVSLW DRDENVINDI NVNRKNDKYI KDLTIPTNVT AYKDLDEALN GAEYVVLAVP SHVIRTACKN LKGKINDDVI IINIAKGIEE GTNLRLSQVI NQELPNNKVV VLSGPSHAEE VSKGIPTTLV ASSECMECAE KVQDLFMDKN FRIYTNDDII GVEIGGAVKN IIALAAGVCD GIGYGDNSKA ALMTRGMAEI ARIGIKMGGK AETFFGLTGM GDLIVTCTSM HSRNRRAGIL IGQGKTAEEA IEEVGMVVEG IKACKAFYEL KEKEGVTMPI TDIAYKVLFE GAKAENAVSL LMERDKKKEE I
Source	Mammalian cell
Target Names	gpsA
Protein Names	Recommended name: Glycerol-3-phosphate dehydrogenase [NAD(P)+] EC= 1.1.1.94 Alternative name(s): NAD(P)H-dependent glycerol-3-phosphate dehydrogenase
Expression Region	1-331
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.