



Recombinant *Ashbya gossypii* Glycerol-3-phosphate dehydrogenase [NAD (+)] (GPD)

Product Code	CSB-YP745002DOT
Abbreviation	GPD
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.	Q759G5
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	>85% (SDS-PAGE)
Sequence	MVNTTALIRS PTFVAQFRVL KQVNRGLFSQ TSYARTHART SYHTMAGTD RLQQTSQILS RSTSSEIRLE RPFKVTVIGS GNWGTTIKAV VAENTQEYYPQ LFERRVDMWV FEEQIEGRKL TEIINEQHEN VKYLPGITLP ENLVANPSVA AAAADADVLV FNIPHQFLGR IVEQLKGHVK PGARAIKCLK GFSVKGKDGVQ LLSTYIEEHL HIPCGALSGA NLAPEVAKGN WSETTVAYTL PQDFRGTGKD VDHAVLKKLF HRPYFHVNVV DDVAGISVAG ALKNVVALAC GFVLGLGWGN NAAAQVRVG LSEMIKFARM FFPEKSVETF YQESAGVADL ITTCAGGRNV RIGRAMAETG KSAQELEKEL LNGQSSQGIY TTQEVHEWLQ QCGKKDEFPL FEAVYKIVYE GVPMSKLPDM LEDA
Source	Yeast
Target Names	GPD
Protein Names	Recommended name: Glycerol-3-phosphate dehydrogenase [NAD(+)] EC= 1.1.1.8
Expression Region	1-424
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.