



Recombinant *Saccharomyces cerevisiae* 6-phosphogluconate dehydrogenase, decarboxylating 1 (GND1)

Product Code	CSB-EP336482SVG
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.	P38720
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSADFGLIGL AVMGQNLILN AADHGFTVCA YNRTQSKVDH FLANEAKGKS IIGATSIEDF ISKLRPRKV MLLVKAGAPV DALINQIVPL LEKGDIIIDG GNSHFPDSNR RYEELKKKGI LFGVSGVSGG EEGARYGPSL MPGGSEEAWP HIKNIFQSIG AKSDGEPCC E WVGPAAGAGHY VKMVHNGIEY GDMQLICEAY DIMKRLGGFT DKEISDVFAK WNNGVLDSFL VEITRDILKF DDVDGKPLVE KIMDTAGQKG TGKWTAINAL DLGMPVTLIG EAVFARCLSA LKNERIRASK VLPGPPEVPKD AVKDREQFVD DLEQALYASK IISYAQGFML IREAAATYGW KLNNPAIALM WRGGCIIRSV FLGQITKAYR EEPDLENLLF NKFFADAVTK AQSGWRKSIA LATTYGIPTP AFSTALSFYD GYRSERLPAN LLQAQRDYFG AHTFRVLPEC ASDNLPVDKD IHINWTGHGG NVSSSTYQA
Source	E.coli
Target Names	GND1
Protein Names	Recommended name: 6-phosphogluconate dehydrogenase, decarboxylating 1 EC= 1.1.1.44
Expression Region	1-489
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.



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