



Recombinant *Saccharomyces cerevisiae* Gamma-glutamyl phosphate reductase (PRO2)

Product Code	CSB-YP347549SVG
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.	P54885
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	SSSQQIAKN ARKAGNILKT ISNEGRSDIL YKIHDALKAN AHAIEEANKI DLAVAKETGL ADSLLKRLDL FKGDKFEVML QGIKDVAELE DPVGKVKMAR ELDDGLTLYQ VTAPVGVLLV IFESRPEVIA NITALSIKSG NAAILKGGKE SVNTFREMAK IVNDTIAQFQ SETGVPVGSV QLIETRQDVS DLLDQDEYID LVVPRGSNAL VRKIKDTTKI PVLGHADGIC SIYLDEDADL IKAKRISLDA KTNYPAGCNA METLLINPKF SKWWEVLENL TLEGGVTIHA TKDLKTAYFD KLNELGKLTE AIQCKTVDAD EEQDFDKEFL SLDLAAKFVT STESAIQHIN THSSRHTDAI VTENKANA EK FMKGV DSSGV YWNASTRFAD GFRYGF GA EV GISTSKI HAR GPVGLDGLVS YQYQIRGDGQ VASDYL GAGG NKAFVHKDL D IKTVTL
Source	Yeast
Target Names	PRO2
Protein Names	Recommended name: Gamma-glutamyl phosphate reductase Short name= GPR EC= 1.2.1.41 Alternative name(s): Glutamate-5-semialdehyde dehydrogenase Short name= GSA dehydrogenase Glutamyl-gamma- semialdehyde dehydrogenase
Expression Region	2-456
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 of Mature 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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