



Recombinant *Schizosaccharomyces pombe* Probable gamma-glutamyl phosphate reductase (pro1)

Product Code	CSB-MP892408SXV
Abbreviation	pro1
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.	Q9UT44
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSLEENVKEA KNAFNILQTL SVEDRDDALD KIVEELRIKK SEVLAANAED MKAAKLLAES GKLSSSMVKR LDLSSSDKYD SMVQGVLDVK SLPDPLGRVT YARSLDDGLD LYKVSCPVGL LLVIFEARPE VIINITSLAI KSGNAVVLKG GTESAKSFAA LSNVRSALG KSKVPQAAVQ LVQSREEVSQ LKLDDEYIDL VIPRGSTNLV RHIKDNTKIP VLGHAAGLCS MYVHEDADME LASKLVLDGK TDYPAACNAI ETLLINEAVL SSHLPKIAET LTEAKVTLKC DPASLKVLDK MPKVSALVEP SVDQDYNTEF SDLILAIKTV PSLQSAMQHI NTHGSKHTDC IITSEAAAN RFMAGIDASG VYWNASTRFA DGFRYGYGTE VGISTNKIHA RGPMLDGLT IYKYQLRGNG QVASSYGVGP GKRAFKHTPI NIDNISQVSK K
Source	Mammalian cell
Target Names	pro1
Protein Names	Recommended name: Probable 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	1-451
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

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