



Recombinant Idiomarina loihiensis Gamma-glutamyl phosphate reductase (proA)

Product Code	CSB-EP725219IAAA-B
Abbreviation	proA
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.	Q5QY68
Product Type	Recombinant Protein
Immunogen Species	Idiomarina loihiensis (strain ATCC BAA-735 / DSM 15497 / L2-TR)
Purity	≥85% (SDS-PAGE)
Sequence	MSQQLAKEIS QRAAKAARAV ATLSETDKNA VLQKMADAIR ARQDKIIIEVN KKDLATGKEK GLSDAMMDRL ELTPERVEGM ASAIEEIIAL KDPVGDSYVL DERPNGMKIE KMRIPLGVIC MIYEARPNVT ADAGALCFKS GNAVILRCGR EAISSKAIA EALHEALEAS NLPKDVITVV PTPDRELMTE LLQQKDYIDL VIPRGGEGLI HFVSDTSKIP VIQHYKGVCH LYVDKDADLD KALAILLNGK TQRTGVCNAL EGLLVHQDVA DKFLPMAAKA LAEKDVTHA DKRSVSYFDG ADEIADDAFG EEYLALEIAV RTVDNYEGAI EHIQEFSGSH TEVIITENDE TAKRFIREVD SAVTMANVSS RFSDGGQLGL GAEIGISTSK LHAYGPMGLE ALTTEKFVVT GNGQVRD
Source	E.coli
Target Names	proA
Protein Names	Recommended name: Gamma-glutamyl phosphate reductase Short name= GPR EC= 1.2.1.41 Alternative name(s): Glutamate-5-semialdehyde dehydrogenase Glutamyl-gamma-semialdehyde dehydrogenase Short name= GSA dehydrogenase
Expression Region	1-417
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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