



Recombinant Nocardia farcinica Gamma-glutamyl phosphate reductase (proA)

Product Code	CSB-EP716913NAAA-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.	Q5Z025
Product Type	Recombinant Protein
Immunogen Species	Nocardia farcinica (strain IFM 10152)
Purity	≥85% (SDS-PAGE)
Sequence	MTVETTAEFD VREAVHEAAR RARVASRALA QLTTAQKNDL LHAAADTLA AADTVLAANA EDIAAAEAAG TEASLLDRLR LTKARIDGIA SGLRQVAGLP DPVGGVVRGS TLPNGLEIRQ VRVPLGVVGM VYEARPNVTV DAFGLALKSG NAALLRGSSS AAKSNAALVE ILREALRAQQ IPADAVQLLP SHDRSSVTHL IQARGLVDVV IPRGGAGLIN AVVRDAIVPT IETGTGNCHV YVHAAADLDM AEQILINAKT RRPSVCNAAE TVLIDRAVAD TAVPRLTAAL REHGVTHHGD LPGLVPATDT DWGEEYLTLD IALKVVDNLD AAVEHINTWG TGHTAIVTG DLAAAREFTS RVDAAAVMVN ASTAFTDGEQ FGFGAEIGIS TQKLHARGPM ALPELTSTKW IVWGEGQIRP V
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	1-421
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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