



Recombinant Salmonella typhimurium Gamma-glutamyl phosphate reductase (proA)

Product Code	CSB-MP334782SXB
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.	P40861
Product Type	Recombinant Protein
Immunogen Species	Salmonella typhimurium (strain LT2 / SGSC1412 / ATCC 700720)
Purity	>85% (SDS-PAGE)
Sequence	MLEQMGIAAK AASYKLALLS SGEKNRVLEK IADELEAQME SILSANVQDV EQARANGLSE AMLDRLALTP ARLKAIADDV RQVCNLADPV GQVIDGGLLD SGLRLERRRV PLGVVGVVIYE ARPNVTVDVA SLCLKTGNAV ILRGGKETYR TNAATVRVIQ KALKACGLPE AAVQAIDNPD RSLVNEMLRM DKYIDMLIPR GGAGLHKLCR EQSTIPVITG GIGVCHIFVD SSADIAPALK IIVNAKTQRP STCNTVETLL VHQDIAERFL PALSQMAES GVTLHGDETV MQVLHGPAKL VPLKPEELDN EFLSLDLNVV VVENMDGAIA HIREHGTQHS DAILTCDMHN AARFVNEVDS AAVYVNASTR FTDGGQFGLG AEVAVSTQKL HARGPMGLEA LTTYKWIGFG DGTIRA
Source	Mammalian cell
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	1-416
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. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



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