



Recombinant Escherichia coli Gamma-aminobutyraldehyde dehydrogenase (prp)

Product Code	CSB-MP510794ENU
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.	C4ZVI3
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	>85% (SDS-PAGE)
Sequence	<pre>MQHKLLINGE LVSgegekqp VYNPATGDVL LEIAEASAEQ VDAAVRAADA AFAEWGQTTP KVRaeclLkL ADVIEENGQV FAELESrNCG KPLHSAFNDE IPAIVDVFRF FAGAARCLNG LAAGEYLEGH TSMIRRDPLG VVASIAPWNY PLMMAAWKLA PALAAGNCVV LKPSEITPLT ALKLAELAKD IFPAGVINIL FGRGKTVGDP LTGHPKVRMV SLTGSiATGE HIISHTASSI KRTHMELGGK APVIVFDDAD IEAVVEGVRT FGYYNAGQDC TAACRIYAQK GIYDTLVEKL GAAVATLKSG APDDESTELG PLSSLAHLER VGKAVEEAKA TGHIKVITGG EKrkGNGYYY APTLLAGALQ DDAIVQKEVF GPVVSVTPFD NEEQVVNWAN DSQYGLASSV WTKDVGRAHR VSARLQYGCT WVNTHFMLVS EMPHGGQKLS GYGKDMSLYG LEDYTVVRHV MVKH</pre>
Source	Mammalian cell
Target Names	prp
Protein Names	Recommended name: Gamma-aminobutyraldehyde dehydrogenase EC= 1.2.1.19 Alternative name(s): 1-pyrroline dehydrogenase 4-aminobutanal dehydrogenase Short name= ABALDH
Expression Region	1-474
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



of lyophilized form is 12 months at -20°C/-80°C.