



# Recombinant Escherichia coli Gamma-aminobutyraldehyde dehydrogenase (prp)

<b>Product Code</b>	CSB-EP510794ENU-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	C4ZVI3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12 / MC4100 / BW2952)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MQHKLLINGE LVSgegekqp VYNPATGDVL LEIAEASAEQ VDAAVRAADA            AFAEWGQTTP KVRAECLLKL ADVIEENGQV FAELESRNCG KPLHSFANDE            IPAIVDVFRF FAGAARCLNG LAAGEYLEGH TSMIRRDPLG VVASIAPWNY            PLMMAAWKLA PALAAGNCVV LKPSEITPLT ALKLAELAKD IFPAGVINIL            FGRGKTVGDP LTGHPKVRMV SLTGSATGE HIISHTASSI KRTHMELGGK            APVIVFDDAD IEAVVEGVRT FGYYNAGQDC TAACRIYAQK GIYDTLVEKL            GAAVATLKSG APDDESTELG PLSSLAHLER VGKAVEEAKA TGHKIVITGG            EKRRKNGYYY APTLLAGALQ DDAIVQKEVF GPVVSVTPFD NEEQVVNWAN            DSQYGLASSV WTKDVGRAHR VSARLQYGCT WVNTHFMLVS            EMPHGGQKLS GYGKDMSLYG LEDYTVVRHV MVKH</p>
<b>Source</b>	E.coli
<b>Target Names</b>	prp
<b>Protein Names</b>	Recommended name: Gamma-aminobutyraldehyde dehydrogenase EC= 1.2.1.19 Alternative name(s): 1-pyrroline dehydrogenase 4-aminobutanal dehydrogenase Short name= ABALDH
<b>Expression Region</b>	1-474
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.