



# Recombinant Escherichia coli O127:H6 Gamma-aminobutyraldehyde dehydrogenase (prp)

<b>Product Code</b>	CSB-BP488204EOB
<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>	B7URJ0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O127:H6 (strain E2348/69 / EPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MQHKLLINGE LVSgegekqp VYNPAMGDVL LEIAEASAEQ VNAAVRAADA  AFAEWGQTTP KARAeLLKL ADVIEENGQV FAELESrNCG KPLHSafNDE  IPAIVDVFRF FAGAARCLNG LAAGEYLEGH TSMIRRDPLG VVASIAPWNY  PLMMAAWKLA PALAAGNCVV LKPSEITPLT ALKLAELAKD IFPAGVINVL  FGRGKTVGDP LTGHPKVRMV SLTGSiATGE HIISHTAPSI KRTHMELGGK  APVIVFDDAD IEAVVEGVRT FGYYNAGQDC TAACRIYAQK GIYDTLVEKL  GAAVATLKSG SPDDESTELG PLSSLAHLER VSKAVEEAKA TGHIKVITGG  EKrKGNgyYY APTLLAGALQ DDAIVQKEVF GPVVSvTLFD NEEQVVnWAN  DSQYGLASSV WTKDVGRAHR VSARLQYGCT WVNTHFMLVS  EMPHGGQKLS GYGKDMSLYG LEDYTVVRHV MVKH</p>
<b>Source</b>	Baculovirus
<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.