



# Recombinant Escherichia coli Bifunctional protein foIC (foIC)

<b>Product Code</b>	CSB-EP357318ENV
<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>	P08192
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p> MIIRTPQAA SPLASWLSYL ENLHSKTIDL GLERVSLVAA RLGVLKPAPF  VFTVAGTNGK GTTCRTLESI LMAAGYKVG V YSSPHLVRYT ERVRVQQQEL  PESAHTASFA EIESARGDIS LTYFEYGTLS ALWLFKQAQL DVVILEVGLG  GRLDATNIVD ADVAVVTSIA LDHTDWLGPD RESIGREKAG IFRSEKPAIV  GPEMPSTIA DVAQEKGALL QRRGVEWNYS VTDHDWAFSD AHGTLENLPL  PLVPQPNAAT ALAALRASGL EVSENAIRDG IASAILPGRF QIVSESPRVI  FDVAHNPHAA EYLTGRMKAL PKNGRVLAVI GMLHDKDIAG TLAWLKSVD  DWYCAPLEGP RGATAEQLLE HLGNGKSFDS VAQAWDAAMA  DAKAEDTVLV CGSFHTVAHV MEVIDARRSG GK </p>
<b>Source</b>	E.coli
<b>Target Names</b>	foIC
<b>Protein Names</b>	Recommended name: Bifunctional protein foIC Including the following 2 domains: Folylpolyglutamate synthase EC= 6.3.2.17 Alternative name(s): Folylpoly-gamma-glutamate synthetase Short name= FPGS Tetrahydrofolylpolyglutama
<b>Expression Region</b>	1-422
<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.