



Recombinant Escherichia coli Gamma-glutamylputrescine oxidoreductase (puuB)

Product Code	CSB-EP334336ENV-B
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.	P37906
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MTEHTSSYYA ASANKYAPFD TLNESITCDV CVVGGGYTGL SSALHLAEAG FDVVLEASR IGFGASGRNG GQLVNSYSRD IDVIEKSYGM DTARMLGSM FEGGEIIRER IKRYQIDCDY RPKGGLFVAMN DKQLATLEEQ KENWERYGNK QLELLDANAI RREVASDRYT GALLDHSGGH IHPLNLAIGE ADAIRLNGGR VYELSAVTQI QHTTPAVVRT AKGQVTAKYV IVAGNAYLGD KVEPELAKRS MPCGTQVITT ERLSEDLARS LIPKNYCVED CNYLLDYRL TADNRLLYGG GVVYGARDPD DVERLVVPKL LKTFPQLKGV KIDYRWTGNF LLTLSRMPQF GRLDTNIYYM QGYSGHGVTC THLAGRLIAE LLRGDAERFD AFANLPHYPF PGGRTL RVPF TAMGAAYYSL RDRLGV
Source	E.coli
Target Names	puuB
Protein Names	Recommended name: Gamma-glutamylputrescine oxidoreductase Short name= Gamma-Glu-Put oxidase Short name= Gamma-glutamylputrescine oxidase EC= 1.4.3.-
Expression Region	1-426
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.