



Recombinant Escherichia coli O1:K1 / APEC Elongation factor 4 (lepA)

Product Code	CSB-EP371863EJE-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.	A1AE99
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Escherichia coli O1:K1 / APEC
Purity	>85% (SDS-PAGE)
Sequence	MKNIRNFSII AHIDH GKSTL SDRIIQICGG LSDREMEAQV LDSMDLERER GITIKAQSVT LDYKASDGET YQLNFIDTPG HVDFS YEVSRLAACEGALL VVDAGQGVEA QTLANCYTAM EMDLEVVPVL NKIDLPAADP ERVAEEIEDI VGIDATDAVR CSAKTGVGVQ DVLRLVRDI PPPEGDPEGP LQALIIDSWF DNYLGVVSLI RIKNGTLRKG DKVKVMSTGQ TYNADRLGIF TPKQVDRETEL KCGEVGWLVC AIKDIHGAPV GDTLTLARNP AEKALPGFKK VKPQVYAGLF PVSSDDY EAF RDALGKLSLN DASLFYEPES SSALGFGFRC GFLGLLHMEI IQLEREREYD LDLITTAPT VYEVETTSRE VIYVDSPSKL PAVNNIYELR EPIAECHMLL PQAYLGNVIT LCVEKRGVQT NMVYHGNQVA LTYEIPMAEV VLDDFDRLKS TSRGYASLDY NFKRFQASDM VRVDVLINGE RVDALALITH RGNSQNRGRE LVEKMKDLIP RQQFDIAIQA AIGTHIIARS TVKQLRKNVL AKCYGGDISR KKKLLQKQKE GKKRMKQIGN VELPQEAFLA ILHVGKDNK
Source	E.coli
Target Names	lepA
Protein Names	Recommended name: Elongation factor 4 Short name= EF-4 EC= 3.6.5.n1 Alternative name(s): Ribosomal back-translocase LepA
Expression Region	1-599
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.