



# Recombinant Escherichia coli Selenocysteine-specific elongation factor (selB)

<b>Product Code</b>	CSB-EP007436ENV
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P14081
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MIIATAGHVD HGKTTLLQAI TGVNADRLPE EKKRGM TIDL GYAYWPQPDG  RVPGFIDVPG HEKFLSNMLA GVGIDHALL VVACDDGVMA QTREHLAILQ  LTGNPMLTVA LTKADRVDEA RVDEVERQVK EVLREYGF AE AKLFITAATE  GRGMDALREH LLQLPEREHA SQHSFRLAID RAFTVKGAGL VVTGTALS GE  VKVGDSLWLT GVNKPMRVRA LHAQNQPTET ANAGQRIALN IAGDAEKEQI  NRGDWLLADV PPEPFTRVIV ELQTH TPLTQ WQPLHIHHA SHVTGRVSL L  EDNLAELVFD TPLWLADNDR LVL RDISARN TLAGARVVML NPPRRGKRKP  EYLQWLASLA RAQSDADALS VHLE RGAVNL ADFAWARQLN GEGMRELLQQ  PGYIQAGYSL L NAPVAARWQ RKILD TLATY HEQHRDEPGP GRERLRMAL  PMEDEALVLL LIEKMRESGD IHS HHGWLHL PDHKAGFSEE QQAIWQKAEP  LFGDEPWWVR DLAKETGTDE QAMRLTLRQA AQQGIITAI V KDRYYRNDRI  VEFANMIRDL DQECGSTCAA DFRDRLGVGR KLAIQILEYF DRIGFTRRRG  NDHLLRDALL FPEK</p>
<b>Source</b>	E.coli
<b>Target Names</b>	selB
<b>Protein Names</b>	Recommended name: Selenocysteine-specific elongation factor Alternative name(s): SelB translation factor
<b>Expression Region</b>	1-614
<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.