



Recombinant Escherichia coli Selenocysteine-specific elongation factor (selB)

Product Code	CSB-MP007436ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P14081
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	<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 WQPLHIHHAA SHVTGRV SLL EDNLAELVFD TPLWLADNDR LVL RDISARN TLAGARV VML NPPRRGKRKP EYLQWLASLA RAQSDADALS VHLE RGAVNL ADFAWARQLN GEGMRELLQQ PGYIQAGYSL L NAPVAARWQ RKILD TLATY HEQHRDEPGP GRERLR RMAL PMEDEALVLL LIEKMRESGD IHS HHGWLHL PDHKAGFSEE QQAIWQKAEP LFGDEPWWVR DLAKETGTDE QAMRLTLRQA AQQGIITAI V KDRYYRNDRI VEFANMIRDL DQECGSTCAA DFRDRLGVGR KLAIQILEYF DRIGFTRRRG NDHLLRDALL FPEK</p>
Source	Mammalian cell
Target Names	selB
Protein Names	Recommended name: Selenocysteine-specific elongation factor Alternative name(s): SelB translation factor
Expression Region	1-614
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.