



Recombinant *Borrelia burgdorferi* Cell division protein FtsZ (ftsZ)

Product Code	CSB-EP338199BUD-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.	P45483
Product Type	Recombinant Protein
Immunogen Species	<i>Borrelia burgdorferi</i> (strain ATCC 35210 / B31 / CIP 102532 / DSM 4680)
Purity	>85% (SDS-PAGE)
Sequence	MKDYNMIDSH TRRFDSTTNP TILKVGAGG GGSNAVNRMI EYGVRDVEFI VANTDLQALQ TSIAPIKIAL GAKVTAGLGA GSKPEIGQAA AEEDIDVIRN HLSGADMVFI TAGMGGGTGT GAAPVIAQVA KELGILTVGV VTKPFKFEFG KKLRLAEQGI NNLRKSVDTL IIPNQKLLT VVDKRTTIKD AFKRADDVLR MGVQGIAGLI IEHGEVNIDF ADVKSIMQQG GDALMGIGYG KGENRAVDAA TSAISNPLLE EVRIEGSKGL LVNVTGGDDF SLLELEEIMG IITVSDDEA TVIYGHAINS NLEDEIYVTV VATGFASKKQ KEISSTPENN TLSSKEFDL MSGNQNAPSG SYEQDSSFA AKSKNVNYFD DDIDVPTFLR NLNKKSSDD
Source	E.coli
Target Names	ftsZ
Protein Names	Recommended name: Cell division protein FtsZ
Expression Region	1-399
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.