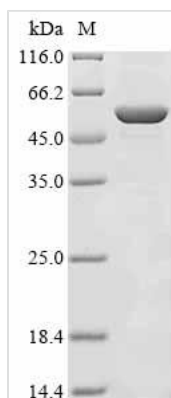




Recombinant Porphyromonas gingivalis Cell division protein FtsZ (ftsZ)

Product Code	CSB-EP4430GRY
Abbreviation	Recombinant Porphyromonas gingivalis ftsZ protein
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.	B2RIF5
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Porphyromonas gingivalis Cell division protein FtsZ(ftsZ)
Immunogen Species	Porphyromonas gingivalis (strain ATCC 33277 / DSM 20709 / CIP 103683 / JCM 12257 / NCTC 11834 / 2561)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MEDELLNFNYTDSGLPVIKVGIGVGGGGGNAVKNMYHGKVRDVSFLLCNTDVQ ALDRSEVPDRLVLGREVNTNGLGAGSRPEVARRAAEASEADIRKILDDGHTRMV FVTAGMGGGTGTGAAPVIGRIARELNILTVGIVTIPFVFEGKRKILQALEGVEEM RKNVDALLVVNNERLRRIYKDLKLDNAFAKADETLTNAANGIAEMIMKEGTINLD FADVHTTLKDGGIAISTGYGEGPDRMEQAINALTSPLLNNNDIFKARRVLFNI YQGTEDPLGTDELSAINELTAKIETGFDTIWGYTTDPELGKKVKITILASGFDLDT TRESIRIGDNLGNVINDPISSREIETQNERDNDLINRYRPPDELEKVKVVDKPII LNLDELNDDELIMALEEKPAYSRTGVLLSRIDNIRMRIAESAGRMKKDVVRSEE SERPAFESERPSSPTTISFN
Research Area	Others
Source	E.coli
Target Names	ftsZ
Expression Region	1-457aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	56.3 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.