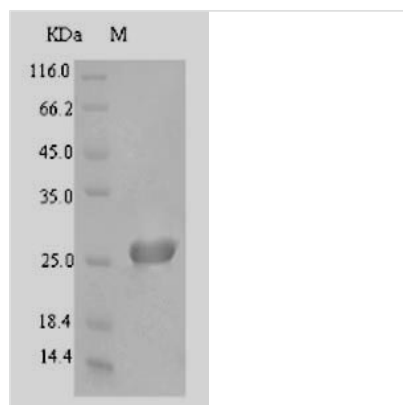




Recombinant Bacillus pumilus Cell division protein ZapA (zapA)

Product Code	CSB-EP423441BOL
Relevance	Activator of cell division through the inhibition of FtsZ GTPase activity, therefore promoting FtsZ assembly into bundles of protofilaments necessary for the formation of the division Z ring. It is recruited early at mid-cell but it is not essential for cell division.
Abbreviation	Recombinant Bacillus pumilus zapA 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.	A8FG14
Alias	Z ring-associated protein ZapA
Product Type	Recombinant Protein
Immunogen Species	Bacillus pumilus (strain SAFR-032)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSDGGKTKTTVEIYGQSYTIIGQETKMHRHVASIVDDKMREINEKNPYLDINK LAVLTAVNVVHDYLLKLEQYKLEIQLKEKE
Research Area	Others
Source	E.coli
Target Names	zapA
Expression Region	1-85aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	25.9kDa
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.