

Cell division protein ZapA Recombinant Protein | zapA recombinant protein

Recombinant Bacillus pumilus (strain SAFR-032) Cell division protein ZapA

CATALOG # AAA114993	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

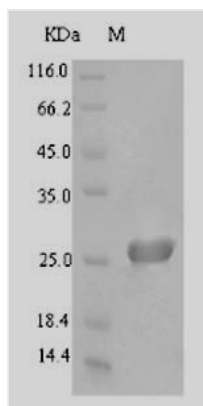
PRODUCT SYNONYMS

Cell division protein ZapA; Recombinant Bacillus pumilus (strain SAFR-032) Cell division protein ZapA; Z ring-associated protein ZapA; zapA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-85aa; Full Length
Sequence	MSDGGKTKTT VEIYGQSYTI IGQETKMHR HVASIVDDKM REINEKNPYL DINKLAVLTA VNVVHDYLLK KEQYEKLEIQ LKEKE
Sequence Length	85
Species	Bacillus pumilus (strain SAFR-032)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for zapA recombinant protein	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.
References	"Paradoxical DNA repair and peroxide resistance gene conservation in Bacillus pumilus SAFR-032." Gioia J., Yerrapragada S., Qin X., Jiang H., Igboeli O.C., Muzny D., Dugan-Rocha S., Ding Y., Hawes A., Liu W., Perez L., Kovar C., Dinh H., Lee S., Nazareth L., Blyth P., Holder M., Buhay C. Weinstock G.M. PLoS ONE 2:E928-E928(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	500859327
NCBI GeneID	5621789
NCBI Accession #	WP_012010831.1
NCBI GenBank Nucleotide #	WP_012010831.1
UniProt Accession #	A8FG14
Molecular Weight	25.9 kDa
NCBI Official Full Name	MULTISPECIES: cell division protein ZapA
UniProt Protein Name	Cell division protein ZapA
UniProt Gene Name	zapA
UniProt Entry Name	ZAPA_BACP2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/zapa-recombinant-protein-e-coli/114993>