

# FtsZ | Prokaryotic cell division GTPase (cyanobacterial)



Cat. No. APA-LC-015

Lot. No. (See product label)

---

## Product Name

FtsZ | Prokaryotic cell division GTPase (cyanobacterial)

## Host

Rabbit

## Immunogen

Whole cyanobacterial (Anabaena PCC 7120) FtsZ protein, UniProt: Q3MC27 overexpressed in E.coli.

## Background

FtsZ (cell division GTPase) is a well characterized protein of the bacterial cell division apparatus. This protein accumulates early in dividing cells, and has a crucial role during septum formation in most bacteria as well as in chloroplasts. It has also been accepted as the bacterial cytoskeletal counterpart to eukaryotic microtubules.

## Format

Lyophilized

## Clonality

Polyclonal

## Purity

Serum

## Quantity

50 µl

## Reactivity

Cyanobacteria

## Confirmed reactivity

Cylindrospermopsis raciborskii CS-505, Listeria monocytogenes (weak reaction), Synechococcus elongatus

## Predicted reactivity

Phaeodactylum tricornutum, Prochlorococcus sp.

## Not reactive in

higher plants

## Reconstitution

For reconstitution add 50 µl of sterile water

## Expected/apparent MW

44.5 | 50 kDa

## Tested applications

Immunofluorescence (IF), Immunolocalization (IL), Western blot (WB)

## Recommended dilution

1 : 200 (IL) Immunogold-TEM, 1 : 500 (IF), 1 : 2000-1 : 5000 (WB)

---

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

---

# FtsZ | Prokaryotic cell division GTPase (cyanobacterial)



Cat. No. APA-LC-015

Lot. No. (See product label)

---

## Storage

Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

---

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**