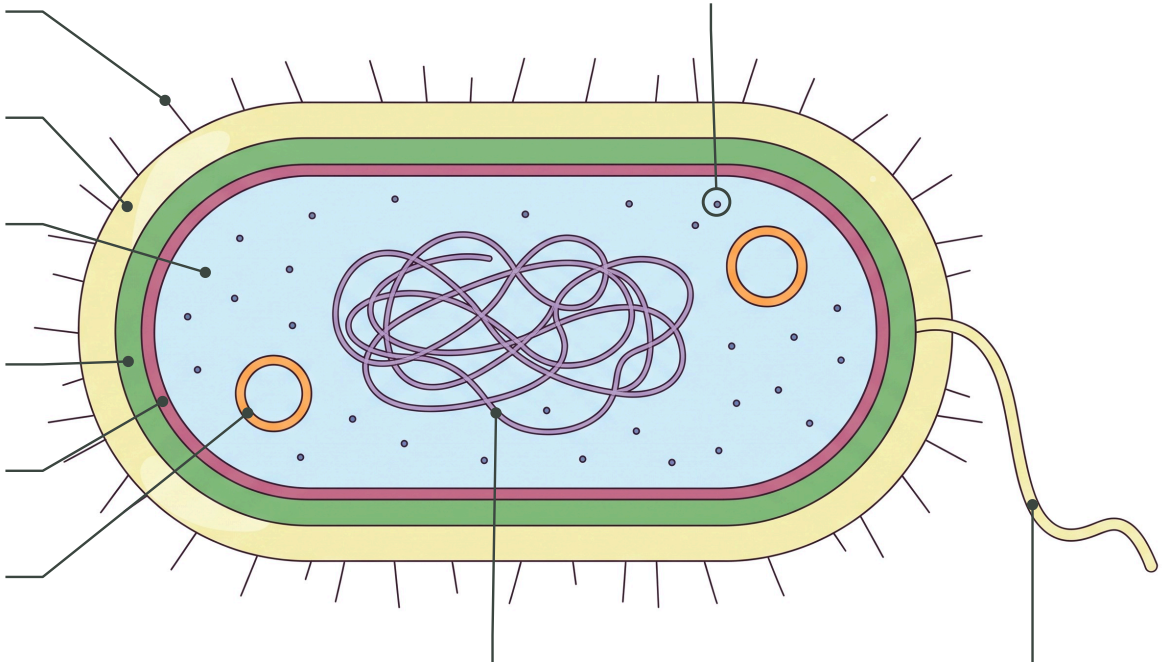
BACTERIAL CELL

CELLS *What each part does*

A bacterium is one small cell with no nucleus. Its DNA floats in the cytoplasm, and many bacteria swim with a tail called a flagellum.



Pili
Short hairs that grip surfaces.

Capsule
A sticky layer that protects.

Cytoplasm
Jelly-like fluid inside the cell.

Cell wall
Gives the cell its shape.

Cell membrane
Controls what goes in and out.

Plasmid
A small extra ring of DNA.

Tiny parts that build proteins.
Ribosomes

Nucleoid (DNA)
The cell's main DNA. It has no nucleus around it.

Flagellum
A whip-like tail that spins to move the cell.