# Prokaryotic Cells

Prokaryotes are microscopic single-celled organisms. Prokaryotic cells don't have a distinct nucleus with a membrane. Correctly label the following prokaryotic cell structures.



#### Briefly explain the function of each labeled structure.

Cell Membrane	selectively permeable, controls movement of substances in and out of cell
Cell Wall	made of cellulose, supports the cell
Capsule	helps prokaryotes cling to each other and to other surfaces
Pilli	appendages that allow a bacterium to stick to a surface
Plasmid	small rings of DNA
Flagella	propels the cell
Nucleoid Region	contains the genes that control the cell
Ribosomes	site of protein synthesis
Cytoplasm	where chemical reactions occur
1.5	

# **Answers Key For Biology Cell Cell Structure**

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