

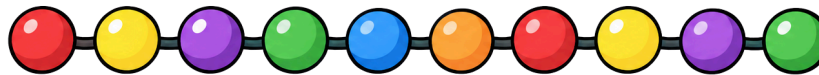
ERNIE ROUGH ER — THE FOLDING FOREMAN!

Help Ernie find the folded protein!

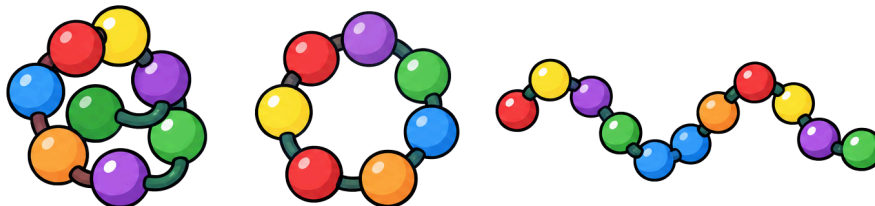
Ernie Rough ER has ribosomes on his surface. Proteins being made there enter Ernie, where they begin folding into the shapes they need for their jobs.



Proteins start as chains of amino acids. Help Ernie! Circle the protein that has folded into a compact shape.



Which one if folded?



What is Ernie's main job?

- ☐ Make energy for the cell
- ☐ Help make, fold, and process proteins
- ☐ Store the cell's DNA

ERNIE'S QUICK FACT

Rough ER has ribosomes attached to its surface.

Life in Cellville™ | lifeincellville.com | © 2026 GS Creative Works, LLC

For personal and educational use only