

**Guide Questions for Topics: Receptor-mediated Endocytosis**

1. Receptor-mediated endocytosis is the process by which cells \_\_\_\_\_.
2. What role(s) do cell surface receptors play during receptor-mediated endocytosis?
3. How does clathrin contribute to receptor-mediated endocytosis?
4. Why do individual who have mutations in the internalization signal of the LDL receptor develop hypercholesterolemia?
5. Which of the following statements best describes the organelles in cells called endosomes?