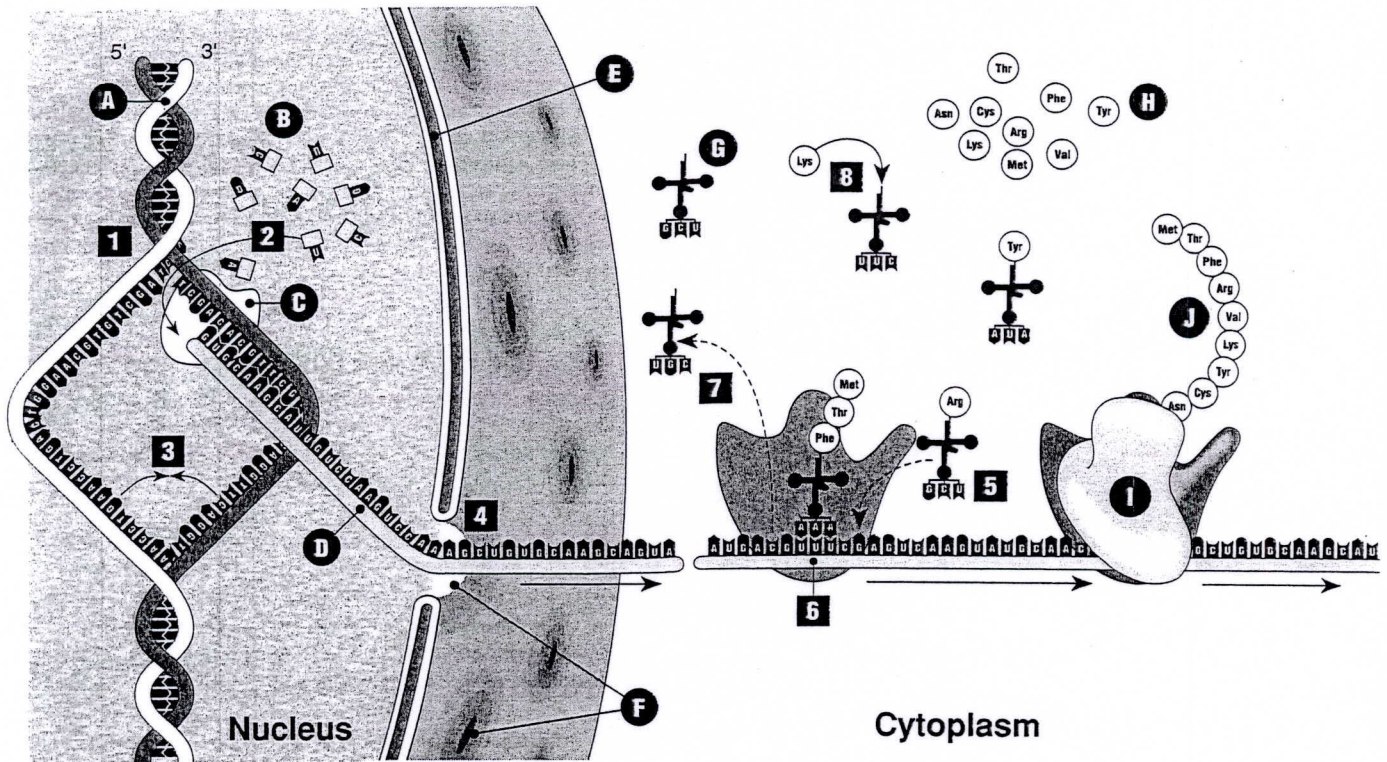


Protein Synthesis Review



The diagram above shows an overview of the process of protein synthesis. It summarizes the main ideas covered in this topic. Each of the major steps in the process are numbered, while structures are labeled with letters.

1. Briefly describe each of the numbered processes in the diagram above:

- (a) Process 1: _____
- (b) Process 2: _____
- (c) Process 3: _____
- (d) Process 4: _____
- (e) Process 5: _____
- (f) Process 6: _____
- (g) Process 7: _____
- (h) Process 8: _____

2. Identify each of the structures marked with a letter and write their names below in the spaces provided:

- (a) Structure A: _____ (f) Structure F: _____
- (b) Structure B: _____ (g) Structure G: _____
- (c) Structure C: _____ (h) Structure H: _____
- (d) Structure D: _____ (i) Structure I: _____
- (e) Structure E: _____ (j) Structure J: _____

3. Describe two factors that would determine whether or not a particular protein is produced in the cell:

- (a) _____
- _____
- (b) _____
- _____