

The stability of an mRNA transcript influences the number of protein molecules that can be produced from it. Which of the following affects the stability of an mRNA transcript?

A the length of the introns

B the length of the exons

C the length of the poly-A tail

Enzymes degrade mRNA transcripts from the poly-A tail on up. The longer the tail, the longer the message will persist in the cytoplasm.

Answer C.

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