From DNA to Protein

The Process:

DNA ➔ RNA ➔ AUG ➔ Codons ➔ Amino Acids to stop ➔ Protein

or

1. Take **DNA** sequence
2. Turn to **RNA** (change all T's to U's)
3. Find **AUG**
4. Split the rest of the sequence into **codons** from there
5. Turn codons into **amino acids** until you hit STOP
6. The **protein** is the string of amino acids from MET to the amino acid before STOP

Practice Test Answers:

DNA: ACCATGCCCCGTTGATTT

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Practice Strands

1)

    DNA: AATGTCAGAGGTGAAATGCTATTGAGGT

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2)

    DNA: TTTATATGGCAAGAGATAATTGTTGA

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