Transcription – Translation and Mutation Practice Sheet

….TACGCGATATGGCGCAGGATC…. (template)
….ATGCGCTATAACCGCGTCTCTAG…. 

What “protein” will the template side produce?

Change any base (letter) in the template DNA to produce a different sequence and report the “protein” (AA sequence).
Sequence:
Protein:

Insert or delete a base (letter) in the template DNA and report the “protein”.
Sequence:
Protein:

Make one base change to the DNA that will create a shorter “protein” and report the “protein”.
Sequence:
Protein:

Make a base (letter) change to the DNA that will create the same “protein”.
Sequence: