



Proteins (KA2)

What is the proteome?
Why is the proteome larger than the genome?

Describe the pathway of a secreted protein.

What are the roles of kinases and phosphatases?

Name the four amino acid R group categories.

Location and forms of post-translational modifications

Explain the role of positive and negative modulators.

Describe primary protein structure. Include the type of bonding.

Describe secondary protein structure. Include bonding and structural features.

Give a definition of a ligand

Describe the translation of the cytosolic proteins and secreted proteins.

Describe the conditions which would lower the affinity of haemoglobin for oxygen.

Describe tertiary protein structure. Include bonding

Describe quaternary protein structure.