#disorganized

1 | Amino Acids

1.1 | **Basics**

1.1.1 | Functional Groups

Components of amino acids that, well, build an amino acid (among other things): See KBhBIO101FunctionalGroups.

1.1.2 | The Dang Amino Acids

An Amino Acid is... *(H-O-C=O) Carboxylic acid + Single Carbon Backbone

• Amine (H3N+)*

At the carbon backbone, any arbiturary thing "R group, or Sidechain" may be connected to it {ring, chain, etc.} that is unique to the amino acid

Here's an amino acid

The White parts => "Backbone" aforementioned

The Orange parts => "Sidechain"

A small chain of amino acids are called "peptide". Put many of those together and you get a...

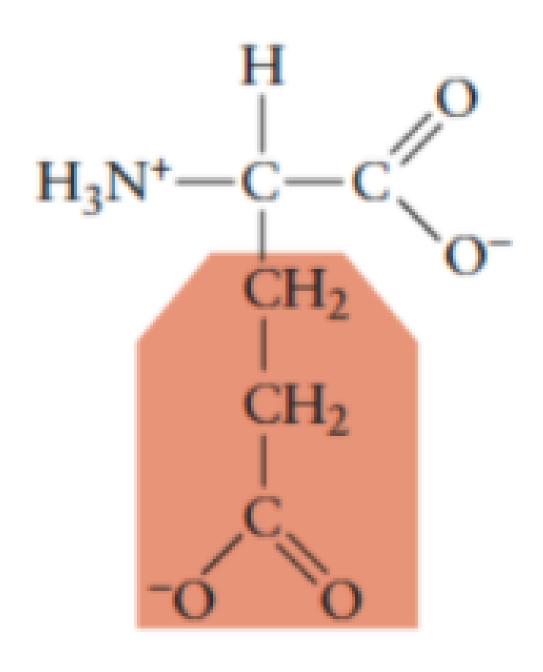
1.2 | **Protein!**

KBhBIO101Proteins are important biological structures formed by dehydrating multiple amino acids together.

1.3 | Polymerization

The process by which Amino Acids get chained together to make KBhBIO101Proteins is called "Polymerization via Dehydration."

Take two amino acids, take the H-O out of the alcahol, take the H out of the Amine. Fill the hole with the other one



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