**Protein**, highly complex substance that is present in all living organisms. **Proteins are of great nutritional value and are directly involved in the chemical processes essential for life**.

* A protein molecule is very large compared with molecules of sugar or salt and **consists of many small basic units called (amino acids)** joined together with each other by bonds called (**peptide bonds**) to form long chains, as beads are arranged on a string.
* There are about 20 different amino acids that occur naturally in proteins.
* Proteins are organic compound contain (carbon, hydrogen, $carboxylic group$ and **amino group**).
* $High molecular weight (long carbon chains).$



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