Macromolecules: Key Information

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| **Macromolecules** | **Monomers** | **Primary Function** | **Secondary Function** | **Key Examples and/or Types** | **Important Notes** |
| **Carbohydrates** | Monosaccharides | Energy Storage | Structural (e.g. plant cell walls) | * Sugars: mono- and disaccharides (incl. glucose * Polysaccharides of glucose: * Cellulose (plant cell walls) * Glycogen (storage: animal/fungi) * Starch (aka amylose) storage: plants) | 1:2:1 ratio of C:H:O for monomers |
| **Proteins** |  |  |  |  |  |
| **Nucleic Acids** |  |  |  |  |  |
| **Lipids** |  |  |  |  |  |