

	Trioses (C ₃ H ₆ O ₃)	Pentoses (C ₅ H ₁₀ O ₅)	Hexoses (C ₆ H ₁₂ O ₆)
Aldoses	H-C-OH H-C-OH H-C-OH H	H	H = C = OH $H = C = OH$	H_C_OH HO_C_H HO_C_H HO_C_H HO_C_OH H_C_OH H_C_OH H Galactose
Ketoses	H H C O H C O H C O H Dihydroxyacetone	H H-C-OH H-C-OH H-C-OH H-C-OH H Ribulose	H - C HO - C HO - C H - C H - C Fruc	н >Он >П >ОН >ОН >ОН 4 tose























Type of Protein	Function	Examples		
Enzymatic proteins Selective acceleration of Digestive chemical reactions		Digestive enzymes		
Structural proteins	Support	Silk fibers; collagen and elastin in animal connective tissues; keratin in hair, horns, feathers, and other skin appendages		
Storage proteins	Storage of amino acids	Ovalbumin in egg white; casein, the protein of milk; storage proteins in plant seeds		
Transport proteins	Transport of other substances	Hemoglobin, transport proteins		
Hormonal proteins	Coordination of an organism's activities	Insulin, a hormone secreted by the pancreas		
Receptor proteins	Response of cell to chemical stimuli	Receptors in nerve cell membranes		
Contractile and motor proteins	Movement	Actin and myosin in muscles, proteins in cilia and flagella		
Defensive proteins	Protection against disease	Antibodies combat bacteria and viruses.		































