

Backbone of alternating sugar and phosphate

Ribose sugar

Uracil pairs with adenine

Single helix

Deoxyribose sugar

Thymine pairs with adenine

It's a nucleic acid

Temporary copy of the DNA

Double helix

Stores instructions for making proteins

Travels between the nucleus and the cytoplasm

Found only in nucleus

Cytosine pairs with guanine

Three types: messenger, transfer, and ribosomal

DNA

RNA