

## **transfer RNA (tRNA)**

A single-stranded RNA molecule containing about 70-90 nucleotides, folded by intrastrand base pairing into a characteristic secondary ('cloverleaf') structure that carries a specific amino acid and matches it to its corresponding codon on an mRNA during protein synthesis.

***Source:***

PAC, 1992, 64, 143 (*Glossary for chemists of terms used in biotechnology (IUPAC Recommendations 1992)*) on page 167