Proteins: Concepts in Biochemistry teaches the biochemical concepts underlying protein structure, evolution, stability, folding, and enzyme kinetics, and explains how interactions in macromolecular structures determine protein function. Intended for a one-semester course in biochemistry or biophysical chemistry with a focus on proteins, this textbook emphasizes the logic underlying biophysical chemical principles.

Problems throughout the book encourage statistical and quantitative thinking. The text is ideal for senior undergraduates, first-year graduate students, and practitioners in chemistry, biochemistry, biology, and biophysics.

Key Features:

- Focuses on the interdisciplinary aspect of protein biophysical chemistry, offering a quantitative description of proteins that integrates concepts from organic chemistry, physical chemistry, and biology.
- Written in consideration of the requirements for an ACS-certified BS degree in chemistry, the text meets the recommendations of the American Chemical Society, National Research Council, and National Science Foundation to feature more biochemistry and quantitative study in the life sciences.
- Each chapter ends with problem sets, with a complete solutions manual available to instructors, and key references for further reading.

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