

protein engineering

A technique used to produce proteins with altered or novel amino acid sequences. The methods used are:

1. Transcription and translation systems from synthesized lengths of DNA or RNA with novel sequences.
2. Chemical modification of 'normal' proteins.
3. Solid-state polypeptide synthesis to form proteins.

Source:

PAC, 1992, 64, 143 (*Glossary for chemists of terms used in biotechnology (IUPAC Recommendations 1992)*) on page 163