That which is left of each amino acid molecule in a peptide molecule is called an amino acid residue or amino acid unit.

eg:

\[
\begin{align*}
\text{H}_2\text{N} & \quad \text{CH} \quad \text{C} \quad \text{O} \\
\text{CH}_3 & \quad \text{NH} \quad \text{CH} \quad \text{C} \quad \text{OH} \\
\text{CH}_2\text{SH} & \\
\end{align*}
\]

amino acid residue

amino acid residue

see also peptide bond, N-terminal, C-terminal

Contributors

- Gamini Gunawardena from the OChemPal site (Utah Valley University)