

$\alpha$  SUBUNIT (92 residues)

*NH*<sub>2</sub>- **APBVZBCPZCTLZZBPFFSZPGAPILQCMGCCFSRAYPTPLRSKKTMLVQ**  
**KNVTSZSTCCVAKSYNRVTVMGGFKVZNHTACHCSTCYHKS** -*COOH*

$\beta$  SUBUNIT (145 residues)

*NH*<sub>2</sub>- **SKQPLRPRCRPINATLAVEKEGCPVCITVNTTICAGYCPTMTRVLQGVLP**  
**ALPQVVCNYRDVDFESIRLPGCPRGVNPVVSYAVALSCQCALCRRSTTDC**  
**GGPKDHPLTCDDPRFQDSSSSKAPPPSLPSPSRLPGPSDTPILPQ** -*COOH*

Figure 2-13. Amino acid sequences of hCG subunits. Sites of N- (to asparagine residues) and O-linked (through hydroxyl groups of serine side chains) oligosaccharide attachments are denoted by bold. There are five Cys-Cys bonds in  $\alpha$  (7-31, 10-60, 28-82, 32-84, 59-87) and six in  $\beta$  (9-57, 23-72, 26-110, 34-88, 38-90, 93-100).