



FIGURE 9.12. Alternative splicing can generate functionally distinct proteins. The thyroid hormone calcitonin and the neuropeptide CGRP are produced by alternative splicing from the same gene. In thyroid cells, exons 1, 2, 3, and 4 are used, whereas in neurons, exons 1, 2, 3, 5, and 6 are used. Also see Fig. 8.22.

9.12, redrawn from <http://homepages.strath.ac.uk/~dfs99109/Brain/Calcitoningene.gif>