

















n The zymogen Pepsinogen (MW=40,000) released in the stomach is activated by the enzyme pepsin already in the stomach and the stomach acid. Pepsinogen has 42 amino acids cleaved off to become the enzyme pepsin (MW=33,000) and a peptide fragment to be degraded.

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? ? 22? 12? 2?

















































- The absorptive cells of the small intestine can only absorb individual amino acids, dipeptides or tripeptides.
- Once transported inside the cells all di/tripeptides are broken down into individual amino acids by proteases within the cells.
- Like monosaccharides, the amino acids are transported out of the absorptive cells and diffuse into the capillaries to move into general circulation.

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