

Gelatinase is a proteolytic enzyme that allows a living organism to hydrolyse gelatin[1] into its sub-compounds (polypeptides, peptides, and amino acids) that can cross the cell membrane and be used by the organism. It is not a pepsin.

Forms of gelatinases are expressed in several bacteria including *Pseudomonas aeruginosa* and *Serratia marcescens*.

In humans, the gelatinases are matrix metalloproteinases MMP2 and MMP9.

Gelatinase is secreted by the stomach.

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