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# Serine Protease

National Cancer Institute

## Source

National Cancer Institute. *Serine Protease*. NCI Thesaurus. Code C17123.

Proteases that have a serine residue in the active center of the enzyme. These enzymes catalyze the hydrolysis of covalent peptidic bonds by serine nucleophilic attack. Serine proteases participate in a wide range of functions in the body, including blood clotting, inflammation, and digestion.