

**Product:** Cathepsin G  
**Catalog #:** 12-7610  
**Amount:** 25 mg

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**DESCRIPTION:** Cathepsin G degrades collagen and proteoglycan and can also cause the release of angiotensin II from angiotensin I or angiotensinogen. It has been implicated in connective tissue disease such as emphysema and rheumatoid arthritis

**SOURCE:** Human neutrophil

**MOLECULAR WEIGHT:** 23,500

**BUFFER:** Salt free

**ACTIVITY:** 2-4 units/mg protein. One unit is defined as the amount of enzyme that hydrolyzes one umole of Suc-Ala-Ala-Pro-Phe-pNA (1mM) per minute at 25°C in 100mM Tris-HCl, pH 7.5, 1.6 M NaCl

**PURITY:** > 95% by SDS-PAGE

**STORAGE:** Frozen (-20°C)

**QUALITY CONTROL:** Nonreactive and negative for HBsAg, anti-HCV, anti-HBc, and anti-HIV by FDA-required tests.

Because no test method can offer complete assurance that products derived from human source will not transmit infectious agents, it is recommended that this product be handled with the same precautions used for patient specimens.

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