

**Product:** Cathepsin B  
**Catalog #:** 12-7608  
**Amount:** 25 mg

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**DESCRIPTION:** Cathepsin B, a cysteine proteinase, is located in lysosomes and is involved in tissue degradation and restructuring. Specifically, it is believed to be involved in the intracellular digestion of extracellular proteins taken up by endocytosis

**SOURCE:** Human liver

**MOLECULAR WEIGHT:** 27,500

**BUFFER:** 50 mM Na-Acetate, pH 5.0, with 1 mM EDTA

**ACTIVITY:** 50-200 units/mg protein. One unit is defined as the amount of enzyme that hydrolyzes one umole of Z-Arg-Arg-beta-NA per minute at 40°C, pH 6.0 in the presence of DTT

**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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