

Product: Cathepsin L
Catalog #: 12-7625
Amount: 25 mg

DESCRIPTION: The most powerful of the lysosomal proteinases. It has a higher specific activity than cathepsin B and H in the degradation of a variety of physiological protein substrates

SOURCE: Human liver

MOLECULAR WEIGHT: 29,000

BUFFER: 2 mM Na -phosphate, pH 6.5

ACTIVITY: >500 mIU/mg protein. One unit is defined as the amount of enzyme that hydrolyzes one umole of Z-Phe-Arg-AFC per minute at 25°C in 400 mM Na Acetate pH 5.5 with 4 mM EDTA and 8 mM 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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