

Product Datasheet

Product:	Cathepsin L
Catalog #:	16-12-030112
Form:	Frozen
Available Packaging:	25 and 100 µg. Larger aliquots are available upon request.
Buffer:	Frozen in 20 mM malonate, pH 5.5, 1 mM EDTA, 400 mM NaCl.
Purity:	≥ 95% by SDS-PAGE
Molecular Weight:	25,000 – 29,000 Da
Activity:	> 1 unit/mg of protein. One unit is defined as the amount of enzyme that hydrolyzes 1 µmol of Z-Phe-Arg-AFC per minute at 25 °C using 400 mM sodium acetate, pH 5.5 with 4 mM EDTA, and 8 mM DTT as the activation buffer in the presence of Brij.
Protein Determination:	Extinction Coefficient (E) = 1.28 (0.1% at 280 nm, 1 cm pathway)
Storage/Handling:	≤ -70 °C
Stability:	> 1 year
Source:	Human Tissue
Testing:	Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. Donors are screened by the supplier and confirmed negative for HIV-1/2, Hepatitis B (HBV), and Hepatitis C (HCV). Donor eligibility and testing practices are documented and traceable.

Product Link: <https://www.athensresearch.com/products/all/cathepsin-l-human-liver>

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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