

Active Native Bovine Cathepsin B

Cat. No. CTSB-188B **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Bovine
Source	Bovine Tissue
Form	Frozen
Bio-activity	>= 10 units per mg protein using Z-RR-pNA as a substrate. One unit is defined as the amount of enzyme that hydrolyzes on umole Z-RR=pNA per minute at 37°C, pH 6.0 in the presence of DTT. Note: one unit defined by Z-RR=pNA equals ~ 20 units defined by Z-RR-betaNA
Molecular Mass	MW: 22,000-23,000 by SDS PAGE under reducing conditions
Purity	>= 95% by SDS-PAGE
Usage	For research use or for use in further manufacturing.
Quality Control Test	Prepared from tissue collected int the contiguous United Statesfrom animals under 30 months of age at a USDA inspected facility. Animals were inspected ante and post mortem and found free ofinfections diseases.
Stability	>1 year

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Storage

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Storage Buffer

50 mM Na Acetate, pH 5.0 with 1mM EDTA

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