

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	$\geq 95\%$ by SDS-PAGE
Usage	For research use or for use in further manufacturing.
Quality Control Test	Prepared from tissue collected in the contiguous United States from animals under 30 months of age at a USDA inspected facility. Animals were inspected ante and post mortem and found free of infectious 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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