

Active Native porcine Calpain-1

Cat. No. CAPN1-186p **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Pig
Source	porcine erythrocytes
Form	Frozen
Bio-activity	>= 1000 units/mg protein prior to freezing. One unit is defined as the amount of enzyme that will hydrolyze 1 pmol Suc-LLVY-AMC in 1 minute at 25°C using the Calpain Activity Assay Kit, Fluorogenic (EMD Cat. No, QIA120). Note 1 caseinolytic unit=9 fluorogenic units.
Molecular Mass	MW: 110,000
Purity	>= 95% by SDS-PAGE
Usage	For research use or for use in further manufacturing.
Quality Control Test	Prepared from porcine erythrocytes obtained from a USDA -certified collection center.
Stability	>1 year
Storage	-70oC or lower; avoid freeze/thaw cycles
Storage Buffer	20 mM imidazole-HCl, 5mM

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β -mercaptoethanol, 1 mM EDTA, 1 mM EGTA, 30% glycerol, pH 6.8.

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