

Active Native porcine Calpain-1

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

SPECIFICATION

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 -certi ed collection center.
Stability	>1 year
Storage	-70oC or lower; avoid freeze/thaw cycles
Storage Buffer	20 mM imidazole-HCl, 5mM β-mercaptoethanol, 1 mM EDTA, 1 mM EGTA, 30% glycerol, pH 6.8.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA