

## Native Calf Rennin

Cat. No. NATE-0651

Lot. No. (See product label)

### Introduction

**Description** Rennin, a 323 amino acid chain, is secreted as an inactive precursor which is then converted into an active enzyme through limited proteolysis. It cleaves the peptide bond between phenylalanine and methionine in K-Casein.

**Applications** Rennin, also known as chymosin, is a milkclotting acid proteinase produced in the stomach of a calf. It is used in cheesemaking and to study neonatal gastric digestion.

**Synonyms** chymosin; rennin; EC 3.4.23.4; 9001-98-3

### Product Information

**Species** Calf

**Source** Calf stomach

**Form** Lyophilized powder containing sodium chloride

**EC Number** EC 3.4.23.4

**CAS No.** 9001-98-3

**Activity** > 20 units/mg protein

**Composition** Protein, > 40%

**Function** aspartic-type endopeptidase activity

**Unit** One unit will coagulate 10 mL of milk per min at 30°C.

**Definition**

### Storage and Shipping Information

**Storage** -20°C