

Native *Mucor miehei* Rennin

Cat. No. NATE-0652

Lot. No. (See product label)

Introduction

Description Mucorpepsin is an enzyme that catalyses the following chemical reaction: Hydrolysis of proteins, favouring hydrophobic residues at P1 and P1'. Clots milk. Does not accept Lys at P1, and hence does not activate trypsinogen. This enzyme is isolated from the zygomycete fungi *Mucor pusillus* and *M. miehei*.

Synonyms Mucorpepsin; EC 3.4.23.23; Mucor rennin; Mucor aspartic proteinase; Mucor acid proteinase; Mucor acid protease; Mucor miehei aspartic proteinase; Mucor miehei aspartic protease; Mucor aspartic proteinase; Mucor pusillus emporase; Fromase 100; Mucor pusillus rennin; Fromase 46TL; Mucor miehei rennin; 9073-79-4

Product Information

Source Mucor miehei

Form lyophilized powder; slightly brown

EC Number EC 3.4.23.23

CAS No. 9073-79-4

Molecular Weight Mr ~40 kDa

Activity ~0.1 units/mg

Unit Definition 1 U corresponds to the amount of enzyme which liberates 1 μ mol folin-positive amino acids and peptides (calculated as tyrosine) per minute at pH 7.5 and 37°C.

Storage and Shipping Information

Storage -20°C