

aspergillopepsin I

Cat. No. EXWM-4255

Lot. No. (See product label)

Introduction

Description

Found in a variety of *Aspergillus* species (imperfect fungi): *Aspergillus awamori* (awamori, aspergillopepsin A:), *A. foetidus* (aspergillopepsin F:), *A. fumigatus*, *A. kawachii*, *A. niger* (proteinase B, proctase B:), *A. oryzae* (trypsinogen kinase:), *A. saitoi* (aspergillopeptidase A:), and *A. sojae*. In peptidase family A1 (pepsin A family). Formerly included in EC 3.4.23.6

Synonyms

Aspergillus acid protease; *Aspergillus* acid proteinase; *Aspergillus* aspartic proteinase; *Aspergillus awamori* acid proteinase; *Aspergillus* carboxyl proteinase; (see also Comments); carboxyl proteinase; *Aspergillus kawachii* aspartic proteinase; *Aspergillus saitoi* acid proteinase; pepsin-type aspartic proteinase; *Aspergillus niger* acid proteinase; sumizyme AP; proctase P; denapsin; denapsin XP 271; proctase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.23.18

CAS No.

9025-49-4

Reaction

Hydrolysis of proteins with broad specificity. Generally favours hydrophobic residues in P1 and P1', but also accepts Lys in P1, which leads to activation of trypsinogen. Does not clot milk

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.