

## 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.