Creative Enzymes®

aspergillopepsin I

Cat. No. EXWM-4255

Lot. No. (See product label)

Introduction

Description	Found in a variety of Aspergillus species (imperfect fungi): Aspergillus awamori (awamorin, 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.