Creative Enzymes®

brachyurin

Cat. No. EXWM-4127

Lot. No. (See product label)

Introduction

Description	From hepatopancreas of the fiddler crab, Uca pugilator. In peptidase family S1 (trypsin family). Other serine endopeptidases that degrade collagen, but are not listed separately here, include a second endopeptidase from Uca pugilator, digestive enzymes from other decapod crustacea, and an enzyme from the fungus Entomophthora coronata.
Synonyms	Uca pugilator collagenolytic proteinase; crab protease I; crab protease II

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.21.32
CAS No.	848900-32-3
Reaction	Hydrolysis of proteins, with broad specificity for peptide bonds. Native collagen is cleaved about 75% of the length of the molecule from the N-terminus. Low activity on small molecule substrates of both trypsin and chymotrypsin
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 ℃.