

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