

matrilysin

Cat. No. EXWM-4304

Lot. No. (See product label)

Introduction

Description

Found in rat uterus; at 19 kDa, the smallest member of peptidase family M10 (interstitial collagenase family). Similar in specificity to stromelysin, but more active on azocoll

Synonyms

matrin; uterine metalloendopeptidase; matrix metalloproteinase 7; putative (or punctuated) metalloproteinase-1; matrix metalloproteinase pump 1; MMP 7; PUMP-1 proteinase; PUMP; metalloproteinase pump-1; putative metalloproteinase; MMP

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.24.23

CAS No.

141256-52-2

Reaction

Cleavage of Ala14↓Leu and Tyr16↓Leu in B chain of insulin. No action on collagen types I, II, IV, V. Cleaves gelatin chain $\alpha 2(I) > \alpha 1(I)$

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.