

interstitial collagenase

Cat. No. EXWM-4353

Lot. No. (See product label)

Introduction

Description The enzyme takes its name from substrates of the interstitial collagen group - types I, II and III, all of which are cleaved in the helical domain. However, α -macroglobulins are cleaved much more rapidly. The enzyme is widely distributed in vertebrate animals. Type example of peptidase family M10

Synonyms vertebrate collagenase; matrix metalloproteinase 1

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.4.24.7

CAS No. 9001-12-1

Reaction Cleavage of the triple helix of collagen at about three-quarters of the length of the molecule from the N-terminus, at Gly775-Ile in the $\alpha 1(I)$ chain. Cleaves synthetic substrates and α -macroglobulins at bonds where P1' is a hydrophobic residue

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.