

## dactylysin

Cat. No. EXWM-4343

Lot. No. (See product label)

### Introduction

#### Description

An endopeptidase of 100 kDa secreted from the skin of the amphibian, *Xenopus laevis* (Dactylètre du Cap). Resembles neprilysin in insensitivity to 1  $\mu$ M captopril, but differs from it in being insensitive to thiorphan (1  $\mu$ M) and unable to digest [Met5]enkephalin, [Leu5]enkephalin, oxytocin, and substance P-(7-11)-peptide. A similar endopeptidase is found in human neuroblastoma cells

#### Synonyms

peptide hormone inactivating endopeptidase; PHIE

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.4.24.60

#### CAS No.

139466-40-3

#### Reaction

Hydrolysis of peptides of at least six residues, with bulky hydrophobic residues in the P1' position. Shows a preference for hydrophobic doublets such as -Phe-Phe- and -Phe-Leu- in somatostatin-(1-14)-peptide and dynorphin A-(1-6)-peptide, respectively

#### 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.