

## magnolysin

Cat. No. EXWM-4345

Lot. No. (See product label)

### Introduction

#### Description

An endopeptidase of 58 kDa known from bovine pituitary neurosecretory granules and bovine and human corpus luteum. Inhibited by EDTA

#### Synonyms

bovine neurosecretory granule protease cleaving pro-oxytocin/neurophysin; pro-oxytocin/neurophysin convertase; prooxyphysin proteinase; pro-oxytocin convertase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.4.24.62

#### CAS No.

162875-09-4

#### Reaction

Hydrolysis of polypeptides with Arg or Lys in P1 and P2, e.g. to hydrolyse pro-oxytocin at -Lys-Arg↓Ala-Val-. The specificity further depends on the organization of a  $\beta$ -turn- $\alpha$ -helix of nine or more residues containing the paired basic amino acids near the centre

#### 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.