Creative Enzymes®

# magnolysin

*Cat. No. EXWM-4345*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***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

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| ***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 β-turn-α-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

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |