Creative Enzymes®

# fragilysin

*Cat. No. EXWM-4358*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | Thought to be a cause of diarrhoea in animals and humans. Hydrolyses extracellular matrix proteins, and disrupts tight junctions of intestinal epithelial cells. Also degrades intracellular, cytoskeletal proteins actin, myosin and others. In peptidase family M10 (interstitial collagenase family) |
| ***Synonyms*** | Bacteroides fragilis (entero)toxin |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 3.4.24.74 |
| ***CAS No.*** | 188596-63-6 |
| ***Reaction*** | Broad proteolytic specificity, bonds hydrolysed including -Gly┼Leu-, -Met┼Leu-, -Phe┼Leu-, -Cys┼Leu-, Leu┼Gly |
| ***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 ℃. |