Creative Enzymes®

# memapsin 2

*Cat. No. EXWM-4283*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | Suggested to be the major "β-secretase" responsible for the cleavage of the β-amyloid precursor protein to form the amyloidogenic β-peptide that is implicated in the pathology of Alzheimers disease. In peptidase family A1 but is atypical in containing a C-terminal membrane-spanning domain. |
| ***Synonyms*** | β-secretase; β-site Alzheimers amyloid precursor protein cleaving enzyme 1 (BACE1) |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 3.4.23.46 |
| ***CAS No.*** | 158736-49-3 |
| ***Reaction*** | Broad endopeptidase specificity. Cleaves Glu-Val-Asn-Leu┼Asp-Ala-Glu-Phe in the Swedish variant of Alzheimers amyloid precursor protein |
| ***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 ℃. |