Creative Enzymes®

memapsin 1

Cat. No. EXWM-4282

Lot. No. (See product label)

Introduction

Description	Can cleave β-amyloid precursor protein to form the amyloidogenic β-peptide that is implicated in the pathology of Alzheimers disease, but is not significantly expressed in human brain. 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 2 (BACE2); ASP1; Down region aspartic protease

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.23.45
CAS No.	447457-31-0
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

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