

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.