

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



BACE (D492) Peptide

Cat No.: BS1382P

Background

Autosomal dominant Alzheimer's disease is caused by mutations in the gene encoding the β -amyloid protein precursor (APP). Amyloid β -peptide ($A\beta$), the major feature of amyloid plaques in Alzheimer's patients, is the product of APP cleavage by β - and γ -secretases. BACE is the transmembrane protease which cleaves $A\beta$ from APP. BACE and the related protein Asp1 are both widely expressed in human tissue with the highest levels in the pancreas. BACE has a molecular mass of ~ 70 kDa, larger than predicted due to glycosylation, and is localized within Golgi and endosomes.

Swiss-Prot

P56817

Applications

Blocking

Specificity

This peptide can be used with studies using BS1382 BACE (D492) pAb.

Purification & Purity

Synthetic peptide BACE (D492). (Note: the amino acid sequence is proprietary). The purity is $> 98\%$.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.