

Product Name: Amyloid Precursor C-Terminal Peptide

Catalog No.: A1004

Batch No.: 1

Description:

Amyloid precursor c-terminal peptide (APP) (C₈₆H₁₁₈N₂₀O₂₇S₁) has the amino acid sequence Gly-Tyr-Glu-Asn-Pro-Thr-Tyr-Lys-Phe-Phe-Glu-Gln-Met-Gln-Asn. Although it has been implicated as a regulator of synapse formation, neural plasticity and iron export, the primary function of APP is not known. APP is best known as the precursor molecule whose proteolysis generates beta amyloid (A β), a 37 to 49 amino acid peptide whose amyloid fibrillar form is the primary component of amyloid plaques found in the brains of Alzheimer's disease patients. So it is a possible contributor to Alzheimer's pathogenesis through MAPKs- and NF- κ B-dependent astrogliosis. Recently, APP origin was demonstrated with arthritogenic animals. Also, it induces secondary inflammation, which may cause local damage.

Technical Data:

Molecular Formula: C₈₆H₁₁₈N₂₀O₂₇S₁

Molecular Weight (MW) : 1896.04

One Letter Sequence: H2N-GYENPTYKFFEQMQN-OH

Three Letter Sequence: H2N-Gly-Tyr-Glu-Asn-Pro-Thr-Tyr-Lys-Phe-Phe-Glu-Gln-Met-Gln-Asn-OH

Purity: >92%

Return Policy:

Customer satisfaction is guaranteed with Apexbio's 365 days unconditional return and refund policy. In any case if you are not satisfied with our products, you may return the items within 365 days from the original purchase date, and refund will be processed after the product is returned. Please follow the below instructions when returning the products:

1. Please contact Apexbio at 1-832-696-8203 before shipping. Any items returned to Apexbio should be in the original packaging and in the same condition as originally purchased.
2. Return shipping is absolutely FREE.
3. Please inform us the tracking ID as well as the purchase order number after shipping the package.
4. Refund will be processed upon receipt of the returned package, and it usually takes 7-14 business days for the fund to be returned to your credit card.

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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