

RP30246CN  
Update: Apr,17,2024

**DATASHEET**

# Biotin- $\beta$ -Amyloid (1-42), human

Cat. No.: RP30246CN

## Overview

<b>Description</b>	A $\beta$ (1-42), a major component of amyloid plaques, accumulates in neurons of Alzheimer's disease brains. Biochemical analysis of the amyloid peptides isolated from Alzheimer's disease brain indicates that A $\beta$ (1-42) is the principal species associated with senile plaque amyloids, while A $\beta$ (1-40) is more abundant in cerebrovascular amyloid deposit. This peptide is biotinylated at the N-terminus for convenient detection and purification.
<b>Sequence</b>	BiBiotin-{Asp}{Ala}{Glu}{Phe}{Arg}{His}{Asp}{Ser}{Gly}{Tyr}{Glu}{Val}{His}{His}{Gln}{Lys}{Leu}{Val}{Phe}{Phe}{Ala}{Glu}{Asp}{Val}{Gly}{Ser}{Asn}{Lys}{Gly}{Ala}{Ile}{Ile}{Gly}{Leu}{Met}{Val}{Gly}{Gly}{Val}{Val}{Ile}{Ala}
<b>Sequence Shortening</b>	Biotin-DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVIA
<b>Molecular Weight</b>	4740.36 g/mol

## Properties

<b>Purity</b>	>95%
<b>Form</b>	Lyophilized
<b>Storage</b>	Store at -20°C. Keep tightly closed. Store in a cool dry place.

生产商: 南京金斯瑞生物科技有限公司 江苏省南京市江宁区科学园雍熙路28号

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