

Rev04
Update: Jun,09,2025

DATASHEET

Biotin- β -Amyloid (1-40)

Cat. No.: RP30249

Overview

Description	β -Amyloid (1-40) is a primary protein in plaques found in the brains of patients with Alzheimer's disease. It is the major component of senile plaque amyloids, are physiological peptides present in the brain, cerebrospinal fluid (CSF) and plasma. This botin peptide is biotinylated at its N-terminu. Biotin is widely used throughout the biotechnology industry to conjugate proteins for biochemical assays. Biotin can be used for qualitative and quantitative detection, labelling or immobilisation.
Sequence	{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}
Sequence Shortening	DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVV
N Terminal	Biotin
Molecular Weight	4556.12

Properties

Purity	>95%
Solubility	Soluble in 3% ammonia water under 1mg/ml
Form	Lyophilized
Storage	Store at -20°C. Keep tightly closed. Store in a cool dry place.

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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