



## Product Data Sheet

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**Product Name:** Biotin-LC- $\beta$ -Amyloid (1-42)

**Catalog Number:** AS-24641-01 (0.1 mg)                      Lot Number: See label on vial  
AS-24640 (0.5 mg)

**Sequence:** Biotin-LC-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-OH (3-letter code)  
Biotin-LC-DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVVIA (1-letter code)

**Molecular Weight:** 4854.6

**% Peak Area by HPLC:**  $\geq 95$

**Appearance:** Lyophilized white powder

**Peptide Reconstitution:** Reconstitute by adding 60-70  $\mu$ l 1%NH<sub>4</sub>OH to 0.5 mg Biotin-LC- $\beta$ -Amyloid (1-42). Dilute this peptide solution to approximately 1 mg/ml (or more dilute) with a buffer such as PBS or another buffer; aliquot and store at -20C.

**Storage:** Biotin-LC- $\beta$ -Amyloid (1-42) peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at -20°C or lower. Reconstituted peptide can be aliquoted and stored at -20°C or lower.

**Description:** This biotinylated  $\beta$ -Amyloid (1-42) contains a 6-carbon long chain (LC) to provide more accessibility for avidin attachment.

**Additional Information:** *Listed below are relevant information that may provide a guideline on how to use this product. End users will have to adapt to their own specific applications.*

The detergent extracts and cytosol were divided into 4-ml aliquots and incubated in 17 x 100 mm polypropylene tubes (Falcon 2059) with 10  $\mu$ g biotin-LC- $\beta$ -amyloid 1-42 (Anaspec) for 1h at room temperature-[Nelson, T.J. & DL Aklon, J. Biol. Chem. 10.1074/jbc.M705558200 \(2007\).](#)

**Published Citations:**

[Nelson, T.J. & DL Aklon, J. Biol. Chem. 10.1074/jbc.M705558200 \(2007\).](#)

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