# Product Data Sheet

**Product Name:** β-Amyloid (1-42), 5-FAM-labeled  
**Catalog Number:** AS-23526-01 (0.1 mg)  
AS-23525-05 (0.5 mg)  
**Lot Number:** See label on vial  
**Sequence:**  
5-FAM-DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVIA (1-letter code)  
**Molecular Weight:** 4872.4  
**% Peak Area by HPLC:** ≥95  
**Appearance:** Lyophilized yellow powder  

**Peptide Reconstitution:** Use 1.0% NH4OH as the solvent, followed by buffer (i.e. 1X PBS). Add 1.0% NH4OH directly to the lyophilized peptide powder (add 35-40 μl to 0.5 mg peptide or 70-80 μl to 1 mg peptide). The peptide cannot be stored long term in 1.0% NH4OH, and it is therefore important to immediately dilute this solution with 1X PBS or other buffer to a concentration of approximately 1mg/mL or less. Gently vortex to mix.  

**Storage:** Peptide is shipped at ambient temperature. Upon receipt, store lyophilized powder at –20°C or lower. Reconstituted peptide should be aliquoted into several freezer vials and stored at –20°C or lower. Do not freeze thaw.  

**Description:** This is a fluorescent (FAM)-labeled β-Amyloid peptide, Abs/Em =494/521 nm. Ref: Wei, H. et al. *J. Pharmacol.* **392**, 117 (2000).
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.

Fluorescein-labeled β-Amyloid peptide Aβ 1-42 (fluo Aβ 1-42) was purchased from AnaSpec (San Jose, CA, USA). Fluo-Aβ (1-42) was provided to sympathetic neurons cultured in 3-compartment cultures or 8-well slides. The internalization of fluo-Aβ(1-42) in living neurons was examined using a Nikon TE300 inverted fluorescence microscope - Saavedra, L. et al. J Biol Chem 10.1074/jbc.M701823200 (2007).

Published Citations:


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