



β -Amyloid (A β)
[1-40, Gly⁵, Phe¹⁰, Arg¹³]
(Native Rodent)

PRODUCT ANALYSIS SHEET

Catalog Number:	03-189
Lot Number:	See product label
Quantity:	1.0 mg
Description:	Rat homolog to human A β [1-40] NOTE: This product is supplied in a form which is not neurotoxic prior to a preincubation step. The appearance of toxicity has recently been shown to correlate to the extent of beta sheet structure (L.K. Simmons et al. [1994] <i>Mol. Pharmacol.</i> 45 (3):373-379). Recommended preincubation is: Dissolve the lyophilized peptide in HPLC grade water or better at $\approx$ 6 mg/mL. Dilute the peptide to 1 mg/mL with PBS (no Ca ²⁺) and incubate at 37°C for 12-48 h (24 h is usually sufficient). Neurotoxic activity is usually observed at 30-100 μ g/mL.
Sequence:	H ₂ N-Asp-Ala-Glu-Phe-Gly-His-Asp-Ser-Gly-Phe-Glu-Val Arg-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-OH
Molecular Weight:	4234
Purity:	>95% by HPLC analysis (purity based on peak area)
Amino Acid Analysis and Identity:	Confirms expected sequence
Peptide Content:	$\geq$ 75%
Supplied As:	Trifluoroacetate salt; 1.0 mg net peptide/vial
Physical Appearance:	Lyophilized powder
Solubility:	H ₂ O, TFA (trifluoroacetic acid)
Storage:	-20°C
Expiration Date:	Expires one year from date of receipt when stored as instructed.

This product is for research use only. Not for use in diagnostic procedures.

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