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DATA SHEET

Product Name:	Beta-Amyloid Precursor Protein, CTF-57 (APP714-770)
Catalog #:	A-1203
Source:	Synthetic peptide
Sequence:	T V I V I T L V M L K K K Q Y T S I H H G V Thr-Val-Ile-Val-Ile-Thr-Leu-Val-Met-Leu-Lys-Lys-Lys-Gln-Tyr-Thr-Ser-Ile-His-His-Gly-Val- V E V D A A V T P E E R H L S K M Q Q N G Y Val-Glu-Val-Asp-Ala-Ala-Val-Thr-Pro-Glu-Glu-Arg-His-Leu-Ser-Lys-Met-Gln-Gln-Asn-Gly-Tyr- E N P T Y K F F E Q M Q N Glu-Asn-Pro-Thr-Tyr-Lys-Phe-Phe-Glu-Gln-Met-Gln-Asn
Molecular Mass:	6650.7
Peptide Purity:	>95%
Counter Ion:	TFA
Supplied As:	White lyophilized powder
Resuspension:	Resuspend in 1 % NH ₄ OH, at a concentration of 1 mg/ml. Sonicate for 30 seconds to 1 minute after it has gone into solution. <u>To bring it into your buffer:</u> After resuspension, add 5x or 10x buffer stock and water, to bring to 1x buffer.
Storage:	-20 ⁰ C
Description:	The 57-amino acid peptide results from the gamma-secretase cleavage of the C-terminus of beta-amyloid precursor protein (APP) at Ala ⁷¹³ -Thr ⁷¹⁴ . This is also naturally generated in conjunction with Abeta ₁₋₄₂ . May also serve as one of the precursors for the generation of the toxic C31, fragment of APP (Cat. No. A-1201) <i>in vivo</i> .
References:	1) Gu, Y., et al. (2001) J. Biol. Chem, 276 : 35235 2) Pinnix, I., et al. (2001). J. Biol. Chem, 276 : 481 3) Yu, C., et al. (2001) J. Biol. Chem 276 : 43756.

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