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## DATA SHEET

<b>Product Name:</b>	Beta-Amyloid Precursor Protein, CTF-50 (APP721-770)
<b>Catalog #:</b>	A-1202
<b>Source:</b>	Synthetic peptide
<b>Sequence:</b>	<b>V M L K K K Q Y T S I H H G V V E V D</b> Val-Met-Leu-Lys-Lys-Lys-Gln-Tyr-Thr-Ser-Ile-His-His-Gly-Val-Val-Glu-Val-Asp- <b>A A V T P E E R H L S K M Q Q N G Y E</b> Ala-Ala-Val-Thr-Pro-Glu-Glu-Arg-His-Leu-Ser-Lys-Met-Gln-Gln-Asn-Gly-Tyr-Glu- <b>N P T Y K F F E Q M Q N</b> Asn-Pro-Thr-Tyr-Lys-Phe-Phe-Glu-Gln-Met-Gln-Asn
<b>Molecular Mass:</b>	5910.7
<b>Peptide Purity:</b>	>95%
<b>Counter Ion:</b>	TFA
<b>Supplied As:</b>	White lyophilized powder
<b>Resuspension:</b>	Resuspend in 1 % NH <sub>4</sub> 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.
<b>Storage:</b>	-20 <sup>0</sup> C
<b>Description:</b>	The 50 amino acid peptide results from the $\gamma$ -secretase cleavage of the C-terminus of beta-amyloid precursor protein (APP) at Leu <sup>720</sup> -Val <sup>721</sup> . May also serve as one of the precursors for the generation of the toxic CTF-31 fragment of APP (Cat. No. A-1201) <i>in vivo</i> .
<b>References:</b>	1) Gu, Y., et al. (2001) J. Biol. Chem, <b>276</b> : 35235 2) Pinnix, I., et al. (2001). J. Biol. Chem, <b>276</b> : 481 3) Lu, D.C., et al. (2000) Nat. Med, <b>6</b> : 397.

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