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## DATA SHEET

<b>Product Name:</b>	Beta-Amyloid Precursor Protein, CTF-31 (APP740-770)
<b>Catalog #:</b>	A-1201
<b>Source:</b>	Synthetic peptide
<b>Sequence:</b>	<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>	3717.1
<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 31-amino acid peptide results from the proteolytic cleavage of the C-terminus of beta-amyloid precursor protein (APP) at Asp <sup>739</sup> -Ala <sup>740</sup> by caspases. Potentially involved in the neuronal death associated with Alzheimer's disease, either via amplifying caspase activation or by the selective increase in Abeta1-42 production.
<b>References:</b>	1) Dumanchin-Njock, C., et al. (2001) J. Neurochem, <b>78</b> : 1153 2) Soriano, S., et al. (2001) J. Biol. Chem, <b>276</b> : 29045 3) Gervais, F.G., et al. (1999) Cell, <b>97</b> : 395 4) LeBlanc, A., et al. (1999) J. Biol. Chem, <b>274</b> : 23426.

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