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## **DATA SHEET**

<b>Product Name:</b>	15N, Human Amylin, (hIAPP: Islet Amyloid PolyPeptide)
<b>Catalog #:</b>	R-1101
<b>Source:</b>	Recombinant. A DNA sequence encoding the human amylin gene sequence was expressed in E. coli, with N15 as the nitrogen source.
<b>Sequence:</b>	KCNTATCATQRLANFLVHSSNNFGAILSSTNVGSNTY (37aa)
<b>Molecular Mass:</b>	3955.4
<b>Peptide Purity:</b>	>95%
<b>Counter Ion:</b>	1% Acetic acid
<b>Supplied As:</b>	White lyophilized powder
<b>Resuspension:</b>	Resuspend in 1 % Acetic acid.
<b>Storage:</b>	-20 <sup>0</sup> C
<b>Description:</b>	15N Uniformly labeled Amylin, (IAPP: Islet Amyloid PolyPeptide). Amylin is a 37 amino acid peptide hormone that is co-secreted with insulin from the pancreas, during and after food intake. It was identified independently by two groups as the major component of islet Amyloid deposits in 1987 (Cooper et al and Westermark et al).
<b>References:</b>	1) Deems, R. O. et al. (1991) Biochem. Biophys. Res. Commun. <b>181</b> : 16 2) Rink TJ, et. al., (1993) Trends Pharmacol Sci <b>14</b> : 113-118 3) Cooper, G.J. et. al., (1987) Proc Natl Acad Sci USA <b>84</b> :8628-8632 4) Westermark,P. et. al., (1987) Proc Natl Acad Sci USA <b>84</b> :3881-3885

**For research use only. Not for use in humans.**

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