

Human Amylin, Amide

Cat. No. IAPP-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CAS No. 122384-88-7 C Terminal: NH ₂ Disulfide Bridge: Cys2-Cys7 Format Bridge: 2-7
Species	Human
Source	Synthetic
Description	Amylin, a 37-amino acid polypeptide that is structurally related to calcitonin, is secreted from the B cells of the pancreas. Amylin has anorectic effects in rats. Amylin may be responsible for the etiology of insulin resistance of type II diabetes mellitus through its modulation of peripheral effects of insulin. Amylin blocks the activation of glycogen synthase by insulin.
Molecular Mass	3903.28 Da
AA Sequence	Sequence: Lys-Cys-Asn-Thr-Ala-Thr-Cys-Ala-Thr-Gln-Arg-Leu-Ala-Asn-Phe-Leu-Val-His-Ser-Ser-Asn-Asn-Phe-Gly-Ala-Ile-Leu-Ser-Ser-Thr-Asn-Val-Gly-Ser-Asn-Thr-Tyr-NH ₂ Sequence Shortening: KCNTATCATQRLANFLVHSSNNFGAILSSTNVGSNTY-NH ₂
Purity	> 95%
Storage	Store at -20 centigrade. Keep container tightly closed. Store in a cool dry place.

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Reconstitution Can be dissolved in DMSO or DMF first and then dilute with water

GENE INFORMATION

Gene Name IAPP

Official Symbol IAPP islet amyloid polypeptide [Homo sapiens (human)]

Synonyms IAPP; islet amyloid polypeptide; DAP; IAP; islet amyloid polypeptide; Islet amyloid polypeptide (diabetes-associated peptide; amylin)
amylin; diabetes-associated peptide; insulinoma amyloid peptide

Gene ID 3375

mRNA Refseq NM_000415

Protein Refseq NP_000406

MIM 147940

UniProt ID P10997

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