

## Amylin (IAPP), feline TFA

|                      |   |       |          |
|----------------------|---|-------|----------|
| Cat. No.:            | HY-P1871A   |       |          |
| Molecular Formula:   | $C_{167}H_{271}F_3N_{52}O_{56}S_2$  |       |          |
| Molecular Weight:    | 4024.47   |       |          |
| Sequence:            | Lys-Cys-Asn-Thr-Ala-Thr-Cys-Ala-Thr-Gln-Arg-Leu-Ala-Asn-Phe-Leu-Ile-Arg-Ser-Ser-Asn-Asn-Leu-Gly-Ala-Ile-Leu-Ser-Pro-Thr-Asn-Val-Gly-Ser-Asn-Thr-Tyr-NH <sub>2</sub> (Disulfide bridge: Cys2-Cys7) |       |          |
| Sequence Shortening: | KCNTATCATQRLANFLIRSSNNLGAISPTNVGSNTY-NH <sub>2</sub> (Disulfide bridge: Cys2-Cys7)  |       |          |
| Target:              | Others  |       |          |
| Pathway:             | Others  |       |          |
| Storage:             | Powder  | -80°C | 2 years  |
|                      |   | -20°C | 1 year   |
|                      | In solvent  | -80°C | 6 months |
|                      |   | -20°C | 1 month  |

### BIOLOGICAL ACTIVITY

#### Description

Amylin (IAPP), feline TFA, a 37-amino acid polypeptide. Amylin (IAPP) is one of the major secretory products of  $\beta$ -cells of the pancreatic islets. Amylin (IAPP) is a regulatory peptide, which inhibits insulin and glucagon secretion<sup>[1]</sup>.

### REFERENCES

[1]. Westermark P, et al. Islet amyloid polypeptide, islet amyloid, and diabetes mellitus. *Physiol Rev.* 2011 Jul;91(3):795-826.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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