

Amylin (IAPP), feline TFA

Cat. No.:	HY-P1871A
Molecular Formula:	C ₁₆₇ H ₂₇₁ F ₃ N 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 ₂ (Disulfide bridge: Cys2-Cys7)
Sequence Shortening:	KCNTATCATQRLANFLIRSSNNLGAISPTNVGSNTY-NH ₂ (Disulfide bridge: Cys2-Cys7)
Target:	Amylin Receptor
Pathway:	GPCR/G Protein
Storage:	Sealed storage, away from moisture Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

BIOLOGICAL ACTIVITY

Description	Amylin (IAPP), feline TFA is a 37-amino acid polypeptide from feline. Amylin (IAPP), feline TFA is one of the major secretory products of β -cells of the pancreatic islets. Amylin (IAPP), feline TFA is a regulatory peptide, which inhibits insulin and glucagon secretion ^[1] .
In Vitro	Amylin (IAPP), feline TFA can aggregate into pancreatic islet amyloid deposits ^[1] . Amylin (IAPP), feline TFA is expressed in the gastrointestinal tract of cats ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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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