

Amylin, Rat

Catalog #	Source	Reactivity	Applications
CCP1070	Synthetic		
Description	Peptide to Amylin, Rat		
Biological Description	Endogenous peptide secreted by pancreatic β -cells. Potently activates amylin, calcitonin (EC50 = 0.67 nM), CGRP and adrenomedullin receptors. Potently inhibits insulin-stimulated glucose uptake (IC50 = 12 pM). Implicated in type II diabetes.		
Form	Lyophilized powder		
CAS Number			
Molecular Formula	C165H261N51O55S2		
Molecular Weight	3903.4		
Purity	> 95%		
Chemical Structure	H - Lys - Cys - Asn - Thr - Ala - Thr - Cys - Ala - Thr - Gln - Arg - Leu - Ala - Asn - Phe - Leu - Val - Arg - Ser - Ser - Asn - Asn - Leu - Gly - Pro - Val - Leu - Pro - Pro - Thr - Asn - Val - Gly - Ser - Asn - Thr - Tyr - NH2 (Disulfide bridge Cys2 -		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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