

**Amylin, amide, rat****Cat. No.:** RP11280-0.5**Size:** 0.5 mg**Description:**

Amylin is a peptide that displays 50% homology with calcitonin gene-related peptide (CGRP), Amylin is colocalized with somatostatin in endocrine cells of the gastric fundus. In isolated mouse stomach, amylin caused a concentration-dependent decrease in acid secretion. In rat fundic segments, amylin and CGRP each caused a concentration-dependent increase in somatostatin and a decrease in histamine secretion.

**C-Terminal:** NH<sub>2</sub>**Sequence (one-letter code):**KCNTATCATQRLANFLVRSSNNLGPVLPPTNVGSNTY-NH<sub>2</sub>**Sequence (three-letter code):**

{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}

**Solubility:** Can be dissolved in water directly**Formula:** C<sub>167</sub>H<sub>272</sub>N<sub>52</sub>O<sub>53</sub>S<sub>2</sub>**Molecular Weight:** 3,920.5**Purity:** > 95%**Storage:**

Store at -20°C.

**Note:**

\*For Non-Clinical Research Use Only \*

