

**CART (1-39), Human, Rat**  
**Synthetic Peptide**  
**Catalog # SP3478b**

**Specification**

**CART (1-39), Human, Rat - Product Information**

Primary Accession  
Sequence

[P49192](#)

Pyr-EDAEIQLPRAIDIYSAVDDASHEKELPRRQL  
RAPGAVLQ-COOH

**CART (1-39), Human, Rat - Additional Information**

**Gene ID** 29131

**Other Names**

Cocaine- and amphetamine-regulated transcript protein, CART(1-52), CART(55-102),  
CART(62-102), Cartpt, Cart

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CART (1-39), Human, Rat - Protein Information**

**Name** Cartpt

**Synonyms** Cart

**Function**

Satiety factor closely associated with the actions of leptin and neuropeptide Y; this anorectic peptide inhibits both normal and starvation-induced feeding and completely blocks the feeding response induced by neuropeptide Y and regulated by leptin in the hypothalamus.

**Cellular Location**

Secreted.

**Tissue Location**

Neuroendocrine tissues. Predominantly expressed in the hypothalamus, pituitary, and longitudinal muscle-myenteric plexus. Abundant expression is also seen in the midbrain/thalamus and eye. A lower level expression is seen in the other brain regions and adrenal.

**CART (1-39), Human, Rat - Images**

