

Neuromedin U, rat
Synthetic Peptide
Catalog # SP3367a**Specification**

Neuromedin U, rat - Product InformationPrimary Accession
Sequence[P12760](#)
NH2-YKVNEYQGVPVAPSGGFFLFRPRN-CONH2**Neuromedin U, rat - Additional Information****Gene ID** 63887**Other Names**

Neuromedin-U, Neuromedin-U-23, NmU-23, Nmu

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.

Neuromedin U, rat - Protein Information**Name** Nmu**Function**

[Neuromedin-U-23]: Ligand for receptors NMUR1 and NMUR2 (PubMed:28874765). Receptor-binding is very tight if not irreversible and triggers an increase in the cytosolic Ca(2+) concentration (PubMed:28874765). Stimulates muscle contractions of specific regions of the gastrointestinal tract. In rat, NMU stimulates contractions of stomach circular muscle.

Cellular Location

[Neuromedin-U-23]: Secreted

Tissue Location

Expressed throughout the gastrointestinal tract with highest levels in the duodenum and jejunum (PubMed:7916966). Low levels in spinal cord, hypothalamus, and stomach (PubMed:7916966) Neuromedin-U-23: Expressed in the small intestine and the pituitary gland (at protein level) (PubMed:28874765). Neuromedin precursor- related peptides: Expressed in pituitary gland and small intestine (at protein level) (PubMed:28874765).

Neuromedin U, rat - Images