

Neuropeptide W-30 (human)
Synthetic Peptide
Catalog # SP2086a**Specification**

Neuropeptide W-30 (human) - Product InformationPrimary Accession
Sequence[Q8N729](#)

WYKHVASPRYHTVGRAAGLLMGLRRSPYLW

Neuropeptide W-30 (human) - Additional Information**Gene ID** 283869**Other Names**

Neuropeptide W, Preproprotein L8, hPPL8, Neuropeptide W-23, NPW23, hL8, Neuropeptide W-30, NPW30, hL8C, NPW, PPL8, PPNPW

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.

Neuropeptide W-30 (human) - Protein Information**Name** NPW**Synonyms** PPL8, PPNPW**Function**

Plays a regulatory role in the organization of neuroendocrine signals accessing the anterior pituitary gland. Stimulates water drinking and food intake. May play a role in the hypothalamic response to stress (By similarity). NPW23 activates GPR7 and GPR8 more efficiently than NPW30.

Cellular Location

Secreted

Tissue Location

Detected in cerebrospinal fluid and urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717) Detected at high levels in the substantia nigra, fetal kidney and trachea; at lower levels in testis, uterus, ovary and placenta. Not detectable in many regions of the central nervous system. Also detected at high levels in lymphoblastic leukemia and colorectal adenocarcinoma

Neuropeptide W-30 (human) - Images