

**Urocortin, human**  
**Synthetic Peptide**  
**Catalog # SP3625a**

## Specification

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### Urocortin, human - Product Information

Primary Accession  
Sequence

[P55089](#)  
**NH2-DNPSLSIDLTFHLLRTLLELARTQSQRERA**  
**EQNRIIFDSV-CONH2**

### Urocortin, human - Additional Information

**Gene ID** 7349

**Other Names**  
Urocortin, UCN

#### 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.

### Urocortin, human - Protein Information

**Name** UCN

#### Function

Acts in vitro to stimulate the secretion of adrenocorticotrophic hormone (ACTH) (PubMed:<a href="http://www.uniprot.org/citations/8612563" target="\_blank">8612563</a>). Binds with high affinity to CRF receptor types 1, 2-alpha, and 2-beta (PubMed:<a href="http://www.uniprot.org/citations/8612563" target="\_blank">8612563</a>). Plays a role in the establishment of normal hearing thresholds (By similarity). Reduces food intake and regulates ghrelin levels in gastric body and plasma (By similarity).

#### Cellular Location

Secreted.

#### Tissue Location

Keratinocytes in epidermis and the outer and inner root sheaths of hair follicles, epithelium of sebaceous and sweat glands, erector pili muscle, cutaneous blood vessel walls, cutaneous nerves and dermal mononuclear cells (PubMed:10690896). Detected in plasma cells in the lamia propria in colon mucosa (PubMed:15531481) (at protein level). Expressed in pituitary and adrenal glands (PubMed:10690896). Detected in plasma cells in the lamia propria in colon mucosa

(PubMed:15531481).

## **Urocortin, human - Images**