

## Urocortin, Human

Catalog #	Source	Reactivity	Applications
CCP1463	Synthetic		
<b>Description</b>	Peptide to Urocortin, Human		
<b>Biological Description</b>	Using a genomic library, human urocortin (UCN) has been cloned and localized to human chromosome 2. Human and rat urocortin share 95% identity within the mature peptide region. Human urocortin binds with high affinity to CRF receptor types 1, 2 $\alpha$ , and 2 $\beta$ ,		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	176591-49-4		
<b>Molecular Formula</b>	C204H337N63O64		
<b>Molecular Weight</b>	4696.3		
<b>Purity</b>	> 95%		
<b>Chemical Structure</b>	H - Asp - Asn - Pro - Ser - Leu - Ser - Ile - Asp - Leu - Thr - Phe - His - Leu - Leu - Arg - Thr - Leu - Leu - Glu - Leu - Ala - Arg - Thr - Gln - Ser - Gln - Arg - Glu - Arg - Ala - Glu - Gln - Asn - Arg - Ile - Ile - Phe - Asp - Ser - Val - NH <sub>2</sub>		
<b>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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