

Recombinant Human UCN2 protein, His-tagged

Cat. No. UCN2-7914H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UCN2 aa. (Val20~Cys112 (Accession # Q96RP3)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val20~Cys112
Description	This gene is a member of the sauvagine/corticotropin-releasing factor/urotensin I family. It is structurally related to the corticotropin-releasing factor (CRF) gene and the encoded product is an endogenous ligand for CRF type 2 receptors. In the brain it may be responsible for the effects of stress on appetite. In spite of the gene family name similarity, the product of this gene has no sequence similarity to urotensin II.
Form	Freeze-dried powder
Molecular Mass	13&14&17kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 11.5.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.
GENE INFORMATION	
Gene Name	UCN2 urocortin 2 [Homo sapiens (human)]
Official Symbol	UCN2
Synonyms	UCN2; urocortin 2; UR; SRP; URP; UCNI; UCN-II; urocortin-2; prepro-urocortin 2; stresscopin-related peptide; ucn II; urocortin II; urocortin-related peptide
Gene ID	90226
mRNA Refseq	NM_033199.3
Protein Refseq	NP_149976.1

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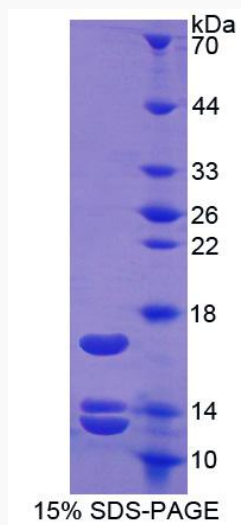
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UniProt ID

Q96RP3

SDS-PAGE



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