

Recombinant Full Length Human UCN3 Protein, GST-tagged

Cat. No. UCN3-6867HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human UCN3 full-length ORF (NP_444277.2, 1 a.a. - 161 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	161 amino acids
Description	This gene encodes a member of the sauvagine/corticotropin-releasing factor/urotensin I family of proteins. The encoded preproprotein is proteolytically processed to generate the mature peptide hormone, which is secreted by pancreatic beta and alpha cells. This hormone is an endogenous ligand for corticotropin-releasing factor receptor 2 and may regulate insulin secretion in response to plasma glucose levels. Patients with type 2 diabetes exhibit reduced levels of the encoded protein in beta cells. In the brain, the encoded protein may be responsible for the effects of stress on appetite.
Molecular Mass	44.4 kDa
AA Sequence	MLMPVHFLLLLLLLLLGGPRTGLPHKFYKAKPIFSCNLNTALSEAEKGQWEDASLLSKRS FHYLRSRDASSGEEEEEGKEKKTFFISGARGGARGTRYRYVSQAQPRGKPRQDTAK SPHRTKFTLSLDVPTNIMNLLFNIAKAKNLRAQAAANAHLMAQIGRKK
Applications	ELISA WB (Recombinant protein)

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Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name UCN3 urocortin 3 [Homo sapiens (human)]

Official Symbol UCN3

Synonyms UCN3; urocortin 3; SCP; SPC; UCNIII; urocortin-3; prepro-urocortin 3; stresscopin; ucn III; urocortin III

Gene ID 114131

mRNA Refseq NM_053049

Protein Refseq NP_444277

MIM 605901

UniProt ID Q969E3

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