

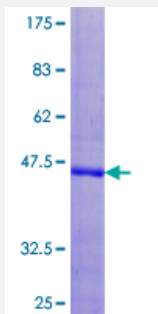
Full-Length

UCN3 (Human) Recombinant Protein (P01)

Catalog # H00114131-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human UCN3 full-length ORF (NP_444277.2, 1 a.a. - 161 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLMPVHFLLLLLLLLGGPRTGLPHKFYKAKPIFSCNLNTALSEAEKGQWEDASLLSKRSFHYLRSD ASSGEEEEGKEKKTFFISGARGGARGTRYRYVSQAQPRGKPRQDTAKSPHRTKFTLSLDVPTNIM NLLFNIAKAKNLRAQAAANAHLMAQIGRKK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.4
Interspecies Antigen Sequence	Mouse (64); Rat (65)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — UCN3

Entrez GeneID [114131](#)

GeneBank Accession# [NM_053049.2](#)

Protein Accession# [NP_444277.2](#)

Gene Name UCN3

Gene Alias MGC119002, SCP, SPC, UCNIII

Gene Description urocortin 3 (stresscopin)

Omim ID [605901](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000018999|stresscopin|urocortin 3|urocortin III

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asthma](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Psychiatric Status Rating Scales](#)