

Product datasheet for **RC222576L4V**

Urocortin (UCN) (NM_003353) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Urocortin (UCN) (NM_003353) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Urocortin
Synonyms:	UI; UROC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003353
ORF Size:	372 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222576).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_003353.2
RefSeq Size:	615 bp
RefSeq ORF:	375 bp
Locus ID:	7349
UniProt ID:	P55089
Cytogenetics:	2p23.3
Protein Families:	Druggable Genome, Secreted Protein
MW:	13.46 kDa



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Gene Summary:

This gene encodes a member of the sauvagine/corticotropin-releasing factor/urotensin I family. The encoded preproprotein is proteolytically processed to generate the mature peptide, an endogenous ligand for both corticotropin-releasing factor receptor 1 and corticotropin-releasing factor receptor 2. In the brain this peptide may be responsible for the effects of stress on appetite. This peptide may also play a role in mood disorders, neurodegeneration, and skeletal system disorders. In spite of the gene family name similarity, the product of this gene has no sequence similarity to urotensin-2. [provided by RefSeq, Feb 2016]