

## Product datasheet for **RC206443L3V**

### Nociceptin (PNOC) (NM\_006228) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Nociceptin (PNOC) (NM_006228) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Nociceptin
Synonyms:	N/OFQ; NOP; OFQ; ppN/OFQ; PPNOC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006228
ORF Size:	528 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206443).
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. <a href="#">More info</a>
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:	<a href="#">NM_006228.2</a>
RefSeq Size:	1215 bp
RefSeq ORF:	531 bp
Locus ID:	5368
UniProt ID:	<a href="#">Q13519</a>
Cytogenetics:	8p21.1
Domains:	Opioids_neuropep
Protein Families:	Secreted Protein



[View online »](#)

**MW:** 20.3 kDa

**Gene Summary:** This gene encodes a preproprotein that is proteolytically processed to generate multiple protein products. These products include nociceptin, nocistatin, and orphanin FQ2 (OFQ2). Nociceptin, also known as orphanin FQ, is a 17-amino acid neuropeptide that binds to the nociceptin receptor to induce increased pain sensitivity, and may additionally regulate body temperature, learning and memory, and hunger. Another product of the encoded preproprotein, nocistatin, may inhibit the effects of nociceptin. [provided by RefSeq, Jul 2015]