

Product datasheet for **RC211361L3V**

Neuropeptide S (NPS) (NM_001030013) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Neuropeptide S (NPS) (NM_001030013) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Neuropeptide S
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001030013
ORF Size:	267 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211361).
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_001030013.1
RefSeq Size:	322 bp
RefSeq ORF:	270 bp
Locus ID:	594857
UniProt ID:	POCOP6
Cytogenetics:	10q26.2
Protein Families:	Secreted Protein
MW:	9.9 kDa



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Gene Summary:

Modulates arousal and anxiety. May play an important anorexigenic role (By similarity). Binds to its receptor NPSR1 with nanomolar affinity to increase intracellular calcium concentrations (PubMed:15312648, PubMed:16790440).[UniProtKB/Swiss-Prot Function]