Product datasheet for RC207563L4V

Enkephalin (PENK) (NM_006211) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Enkephalin (PENK) (NM_006211) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Enkephalin
Synonyms:	enkephalin A; preproenkephalin; proenkephalin
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006211
ORF Size:	801 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207563).
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_006211.2
RefSeq Size:	1221 bp
RefSeq ORF:	804 bp
Locus ID:	5179
Cytogenetics:	8q12.1
Domains:	Opiods_neuropep
Protein Families:	Secreted Protein
MW:	30.8 kDa

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Gene Summary: This gene encodes a preproprotein that is proteolytically processed to generate multiple protein products. These products include the pentapeptide opioids Met-enkephalin and Leu-enkephalin, which are stored in synaptic vesicles, then released into the synapse where they bind to mu- and delta-opioid receptors to modulate the perception of pain. Other non-opioid cleavage products may function in distinct biological activities. [provided by RefSeq, Jul 2015]