

Product datasheet for **RC205331L4V**

ProDynorphin (PDYN) (NM_024411) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ProDynorphin (PDYN) (NM_024411) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ProDynorphin
Synonyms:	ADCA; PENKB; SCA23
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024411
ORF Size:	762 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205331).
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_024411.2
RefSeq Size:	2800 bp
RefSeq ORF:	765 bp
Locus ID:	5173
UniProt ID:	P01213
Cytogenetics:	20p13
Domains:	Opioids_neuropep
Protein Families:	Secreted Protein



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MW: 28.4 kDa

Gene Summary: The protein encoded by this gene is a preproprotein that is proteolytically processed to form the secreted opioid peptides beta-neoendorphin, dynorphin, leu-enkephalin, rimorphin, and leumorphin. These peptides are ligands for the kappa-type of opioid receptor. Dynorphin is involved in modulating responses to several psychoactive substances, including cocaine. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2010]