Product datasheet for MR201524L4V

Adcyap1 (NM_009625) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adcyap1 (NM_009625) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adcyap1
Synonyms:	P; PACAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009625
ORF Size:	528 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201524).
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_009625.2
RefSeq Size:	2108 bp
RefSeq ORF:	528 bp
Locus ID:	11516
UniProt ID:	O70176
Cytogenetics:	17 E5

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Gene Summary:

This gene encodes a member of the glucagon superfamily of hormones that have important roles in growth and metabolism. The encoded protein undergoes proteolytic processing to generate mature peptides that function as hypophysiotropic hormones, neurotransmitters, neuromodulators and vasoregulators. Mice lacking the encoded protein exhibit a high rate of early mortality. The surviving adult animals lacking the encoded protein exhibit decreased anxiety, hyperactive behavior and impaired steroidogenesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2015]