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Product datasheet for RC221515L4V

AMPD2 (NM_004037) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AMPD2 (NM_004037) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AMPD2
Synonyms:	PCH9; SPG63
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004037
ORF Size:	2637 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221515).
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_004037.7, NP_004028.3
RefSeq Size:	4005 bp
RefSeq ORF:	2478 bp
Locus ID:	271
UniProt ID:	Q01433
Cytogenetics:	1p13.3
Domains:	A_deaminase
Protein Families:	Druggable Genome

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Protein Pathways: Metabolic pathways, Purine metabolism

MW: 100.7 kDa

Gene Summary: The protein encoded by this gene is important in purine metabolism by converting AMP to IMP. The encoded protein, which acts as a homotetramer, is one of three AMP deaminases found in mammals. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]