

## Product datasheet for **RC202965L4V**

### ADPGK (NM\_031284) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ADPGK (NM_031284) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADPGK
Synonyms:	2610017G09Rik; ADP-GK
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_031284
ORF Size:	1491 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202965).
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. <a href="#">More info</a>
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:	<a href="#">NM_031284.3</a>
RefSeq Size:	2565 bp
RefSeq ORF:	1491 bp
Locus ID:	83440
UniProt ID:	<a href="#">Q9BRR6</a>
Cytogenetics:	15q24.1
Domains:	ADP_PFK_GK
MW:	54.1 kDa



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**Gene Summary:**

ADPGK (EC 2.7.1.147) catalyzes the ADP-dependent phosphorylation of glucose to glucose-6-phosphate and may play a role in glycolysis, possibly during ischemic conditions (Ronimus and Morgan, 2004 [PubMed 14975750]).[supplied by OMIM, Mar 2008]