

## Product datasheet for **RC217795L3V**

### PFAS (NM\_012393) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PFAS (NM_012393) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PFAS
Synonyms:	FGAMS; FGAR-AT; FGARAT; GATD8; PURL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_012393
ORF Size:	4014 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217795).
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_012393.1</a>
RefSeq Size:	5338 bp
RefSeq ORF:	4017 bp
Locus ID:	5198
UniProt ID:	<a href="#">O15067</a>
Cytogenetics:	17p13.1
Protein Pathways:	Metabolic pathways, Purine metabolism
MW:	144.6 kDa



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**Gene Summary:**

Purines are necessary for many cellular processes, including DNA replication, transcription, and energy metabolism. Ten enzymatic steps are required to synthesize inosine monophosphate (IMP) in the de novo pathway of purine biosynthesis. The enzyme encoded by this gene catalyzes the fourth step of IMP biosynthesis. [provided by RefSeq, Jul 2008]