

## Product datasheet for **RC201775L4V**

### GNPAT (NM\_014236) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	GNPAT (NM_014236) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GNPAT
Synonyms:	DAP-AT; DAPAT; DHAPAT; RCDP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014236
ORF Size:	2040 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201775).
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_014236.2</a>
RefSeq Size:	2687 bp
RefSeq ORF:	2043 bp
Locus ID:	8443
UniProt ID:	<a href="#">O15228</a>
Cytogenetics:	1q42.2
Domains:	Acyltransferase
Protein Families:	Druggable Genome



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**Protein Pathways:** Glycerophospholipid metabolism

**MW:** 77.2 kDa

**Gene Summary:** This gene encodes an enzyme located in the peroxisomal membrane which is essential to the synthesis of ether phospholipids. Mutations in this gene are associated with rhizomelic chondrodysplasia punctata. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015]