

## Product datasheet for **RC204408L2V**

### AK3 (NM\_016282) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	AK3 (NM_016282) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AK3
Synonyms:	AK3L1; AK6; AKL3L; AKL3L1; FIX
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_016282
ORF Size:	681 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204408).
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_016282.2</a>
RefSeq Size:	4333 bp
RefSeq ORF:	684 bp
Locus ID:	50808
UniProt ID:	<a href="#">Q9UIJ7</a>
Cytogenetics:	9p24.1
Domains:	ADK, ADK_lid
Protein Families:	Druggable Genome



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**Protein Pathways:** Pyrimidine metabolism

**MW:** 25.6 kDa

**Gene Summary:** The protein encoded by this gene is a GTP:ATP phosphotransferase that is found in the mitochondrial matrix. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Dec 2010]