

Product datasheet for **RC221584L4V**

AK7 (NM_152327) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AK7 (NM_152327) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AK7
Synonyms:	AK 7; CFAP75; FAP75; SPGF27
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152327
ORF Size:	2169 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221584).
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_152327.3
RefSeq Size:	3318 bp
RefSeq ORF:	2172 bp
Locus ID:	122481
UniProt ID:	Q96M32
Cytogenetics:	14q32.2
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Purine metabolism



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MW: 82.7 kDa

Gene Summary: This gene encodes a member of the adenylate kinase family of enzymes. The encoded enzyme is a phosphotransferase that catalyzes the reversible phosphorylation of adenine nucleotides. This enzyme plays a role in energy homeostasis of the cell. Alternative splicing results in multiple transcript variants. Mutations in the mouse gene are associated with primary ciliary dyskinesia. [provided by RefSeq, Apr 2017]