

## Product datasheet for **RC217793L4V**

### AKAP4 (NM\_139289) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	AKAP4 (NM_139289) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AKAP4
Synonyms:	AKAP-4; AKAP 82; AKAP82; CT99; FSC1; hAKAP82; HI; p82; PRKA4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_139289
ORF Size:	2535 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217793).
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_139289.1</a>
RefSeq Size:	2867 bp
RefSeq ORF:	2538 bp
Locus ID:	8852
UniProt ID:	<a href="#">Q5JQC9</a>
Cytogenetics:	Xp11.22
Protein Families:	Druggable Genome
MW:	93.3 kDa



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**Gene Summary:**

The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein is localized to the sperm flagellum and may be involved in the regulation of sperm motility. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]