

Product datasheet for **RC207199L4V**

AKAP3 (NM_006422) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AKAP3 (NM_006422) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AKAP3
Synonyms:	AKAP 110; AKAP110; CT82; FSP95; HEL159; PRKA3; SOB1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006422
ORF Size:	2559 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207199).
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_006422.2
RefSeq Size:	3323 bp
RefSeq ORF:	2562 bp
Locus ID:	10566
UniProt ID:	O75969
Cytogenetics:	12p13.32
Protein Families:	Druggable Genome
MW:	94.8 kDa



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Gene Summary:

This gene encodes a member of A-kinase anchoring proteins (AKAPs), a family of functionally related proteins that target protein kinase A to discrete locations within the cell. The encoded protein is reported to participate in protein-protein interactions with the R-subunit of the protein kinase A as well as sperm-associated proteins. This protein is expressed in spermatozoa and localized to the acrosomal region of the sperm head as well as the length of the principal piece. It may function as a regulator of motility, capacitation, and the acrosome reaction. [provided by RefSeq, May 2013]