

Product datasheet for **RC205349L4V**

AKAP8 (NM_005858) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AKAP8 (NM_005858) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AKAP8
Synonyms:	AKAP-8; AKAP-95; AKAP 95; AKAP95
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005858
ORF Size:	2076 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205349).
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_005858.3
RefSeq Size:	3549 bp
RefSeq ORF:	2079 bp
Locus ID:	10270
UniProt ID:	O43823
Cytogenetics:	19p13.12
Domains:	AKAP95
Protein Families:	Druggable Genome



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MW: 76.1 kDa

Gene Summary: This gene encodes a member of the A-kinase anchor protein family. A-kinase anchor proteins are scaffold proteins that contain a binding domain for the RI/RII subunit of protein kinase A (PKA) and recruit PKA and other signaling molecules to specific subcellular locations. This gene encodes a nuclear A-kinase anchor protein that binds to the RII alpha subunit of PKA and may play a role in chromosome condensation during mitosis by targeting PKA and the condensin complex to chromatin. A pseudogene of this gene is located on the short arm of chromosome 9. [provided by RefSeq, May 2011]