Product datasheet for RC202174L1V

AKAP10 (NM_007202) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AKAP10 (NM_007202) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AKAP10
Synonyms:	AKAP-10; D-AKAP-2; D-AKAP2; PRKA10
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_007202
ORF Size:	1986 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202174).
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_007202.2
RefSeq Size:	3941 bp
RefSeq ORF:	1989 bp
Locus ID:	11216
UniProt ID:	O43572
Cytogenetics:	17p11.2
Domains:	RGS
Protein Families:	Druggable Genome

View online »

MW:	73.8 kDa

Gene Summary: This gene encodes a member of the A-kinase anchor protein family. A-kinase anchor proteins bind to the regulatory subunits of protein kinase A (PKA) and confine the holoenzyme to discrete locations within the cell. The encoded protein is localized to mitochondria and interacts with both the type I and type II regulatory subunits of PKA. Polymorphisms in this gene may be associated with increased risk of arrhythmias and sudden cardiac death. [provided by RefSeq, May 2012]