

Product datasheet for **RC227915L4V**

GKAP1 (NM_001135953) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GKAP1 (NM_001135953) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GKAP1
Synonyms:	FKSG21; GKAP42
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001135953
ORF Size:	945 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227915).
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_001135953.1 , NP_001129425.1
RefSeq ORF:	948 bp
Locus ID:	80318
UniProt ID:	Q5VSY0
Cytogenetics:	9q21.32
Protein Families:	Druggable Genome
MW:	35.9 kDa


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Gene Summary:

This gene encodes a protein that is highly similar to the mouse cGMP-dependent protein kinase anchoring protein 42kDa. The mouse protein has been found to localize with the Golgi and recruit cGMP-dependent protein kinase I alpha to the Golgi in mouse testes. It is thought to play a role in germ cell development. Transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]