

Product datasheet for **RC226356L4V**

Centaurin gamma 1 (AGAP2) (NM_001122772) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Centaurin gamma 1 (AGAP2) (NM_001122772) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Centaurin gamma 1
Synonyms:	CENTG1; GGAP2; PIKE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001122772
ORF Size:	3576 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226356).
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_001122772.1 , NP_001116244.1
RefSeq ORF:	3579 bp
Locus ID:	116986
UniProt ID:	Q99490
Cytogenetics:	12q14.1
Protein Pathways:	Endocytosis
MW:	124.4 kDa



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Gene Summary:

The protein encoded by this gene belongs to the centaurin gamma-like family. It mediates anti-apoptotic effects of nerve growth factor by activating nuclear phosphoinositide 3-kinase. It is overexpressed in cancer cells, and promotes cancer cell invasion. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]