

Product datasheet for **RC220699L4V**

Acinus (ACIN1) (NM_014977) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Acinus (ACIN1) (NM_014977) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Acinus
Synonyms:	ACINUS; ACN; fSAP152
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014977
ORF Size:	4023 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220699).
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_014977.1 , NP_055792.1
RefSeq Size:	4935 bp
RefSeq ORF:	4026 bp
Locus ID:	22985
UniProt ID:	Q9UKV3
Cytogenetics:	14q11.2
Protein Pathways:	Spliceosome
MW:	151.7 kDa



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Gene Summary:

Apoptosis is defined by several morphologic nuclear changes, including chromatin condensation and nuclear fragmentation. This gene encodes a nuclear protein that induces apoptotic chromatin condensation after activation by caspase-3, without inducing DNA fragmentation. This protein has also been shown to be a component of a splicing-dependent multiprotein exon junction complex (EJC) that is deposited at splice junctions on mRNAs, as a consequence of pre-mRNA splicing. It may thus be involved in mRNA metabolism associated with splicing. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2011]