

Product datasheet for **RC229120L4V**

APOPT1 (NM_032374) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	APOPT1 (NM_032374) Human Tagged ORF Clone Lentiviral Particle
Symbol:	APOPT1
Synonyms:	APOP; APOP1; C14orf153
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032374
ORF Size:	618 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229120).
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_032374.3 , NP_115750.2
RefSeq ORF:	621 bp
Locus ID:	84334
UniProt ID:	Q96IL0
Cytogenetics:	14q32.33
Protein Families:	Secreted Protein
MW:	24 kDa



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Gene Summary:

This gene encodes a protein that localizes to the mitochondria, where it stimulates the release of cytochrome c, thereby promoting programmed cell death. Mutations in this gene have been found in individuals with mitochondrial complex IV deficiency. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]