

Product datasheet for **RC225864L4V**

YAP1 (NM_001130145) Human Tagged ORF Clone Lentiviral Particle

Product data:

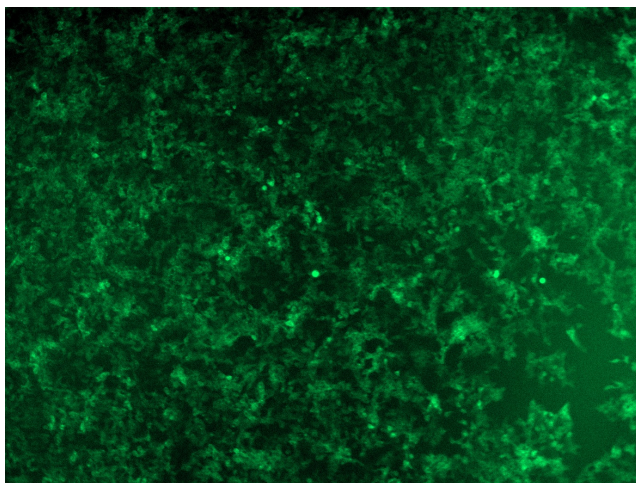
Product Type:	Lentiviral Particles
Product Name:	YAP1 (NM_001130145) Human Tagged ORF Clone Lentiviral Particle
Symbol:	YAP1
Synonyms:	COB1; YAP; YAP2; YAP65; YKI
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001130145
ORF Size:	1512 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225864).
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_001130145.1
RefSeq ORF:	1515 bp
Locus ID:	10413
UniProt ID:	P46937
Cytogenetics:	11q22.1
Protein Families:	Druggable Genome
MW:	54.3 kDa



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Gene Summary:

This gene encodes a downstream nuclear effector of the Hippo signaling pathway which is involved in development, growth, repair, and homeostasis. This gene is known to play a role in the development and progression of multiple cancers as a transcriptional regulator of this signaling pathway and may function as a potential target for cancer treatment. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Aug 2013]

Product images:

[RC225864L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC225864L4V particle to overexpress human YAP1-mGFP fusion protein.