

Product datasheet for **SC336214**

YAP1 (NM_001282098) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	YAP1 (NM_001282098) Human Untagged Clone
Tag:	Tag Free
Symbol:	YAP1
Synonyms:	COB1; YAP; YAP2; YAP65; YKI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336214 representing NM_001282098. Blue=Insert sequence Red=Cloning site Green=Tag(s)

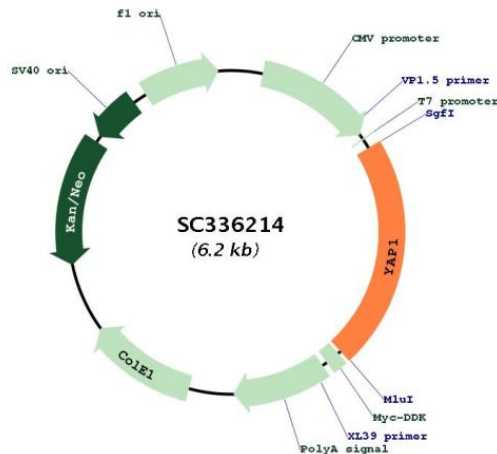
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001282098

Insert Size: 1365 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001282098.1](#)

RefSeq Size: 5246 bp

RefSeq ORF: 1365 bp

Locus ID: 10413

UniProt ID: [P46937](#)

Cytogenetics: 11q22.1

Protein Families: Druggable Genome

MW: 48.8 kDa

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]

Transcript Variant: This variant (5) lacks two alternate in-frame exons in the coding region, compared to variant 9. The encoded protein (isoform 5) represents the YAP1-1beta isoform described in Figure 3 of PMID: 22939869. It is shorter, compared to isoform 9. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.