

Product datasheet for **RR213723**

Apc (NM_012499) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Apc (NM_012499) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Apc
 Synonyms: RATAPC
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR213723 representing NM_012499
 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RR213723 representing NM_012499
 Red=Cloning site Green=Tags(s)

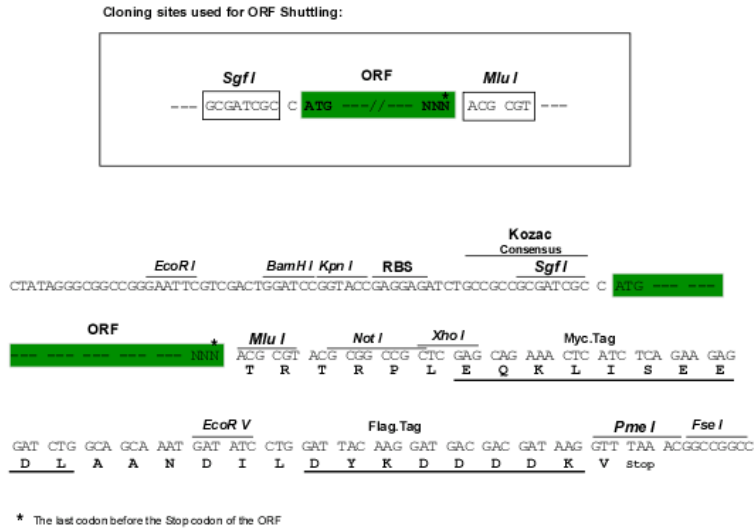
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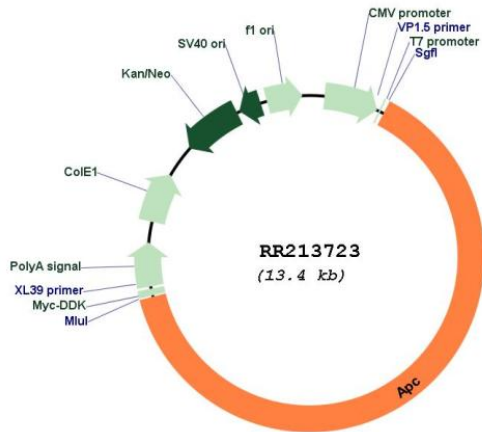
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN: NM_012499
ORF Size: 8526 bp

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.
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:	<ol style="list-style-type: none">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_012499.1 , NP_036631.1
RefSeq Size:	8582 bp
RefSeq ORF:	8529 bp
Locus ID:	24205
UniProt ID:	P70478
Cytogenetics:	18p12
MW:	310.5 kDa
Gene Summary:	binds microtubules; may play a role in the regulation of cell polarity [RGD, Feb 2006]