

Product datasheet for **RC231223**

YY1AP1 (NM_001198906) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	YY1AP1 (NM_001198906) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	YY1AP1
Synonyms:	GRNG; HCCA1; HCCA2; YY1AP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC231223 representing NM_001198906
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGAGGAGCGAGCCGAGCGCCGCGGCGAGCAACCCAGGGAGTCGGCTTACCCGCTGGCCGCTC
 CTGACAAGCGGGAGGGATCCGCGGTGGACCCAGGGAAGCGGAGGAGCCTGGCGGCCACCCCTCTTCCTC
 ACTTCCCTGTACTCTCATCGCTCTCGGCCCTCCGACACGAAAAGGAAGCAAATGAGCTGATGGAAGATCTG
 TTTGAACTTTCCAAGATGAGATGGATTCTCCAACATGGAAGATGATGGCCAGAAGAGGAGGAGCGTG
 TGGCTGAGCCTCAAGCTAACTTTAACACCCCTCAAGCTCTACGGTTTGGGAACTACTGGCCAACCTACT
 AAATGAACAACATCAGATAGCGAAGGAATTTGAACAGCTGAAGATGAAGAAACCTTCAGCCAAACAG
 CAGAAGGAGGTAGAGAAGTTAAACCCAGTGAAGGAAGTTCATCAGACCCTGATTCTGGACCCAGCAC
 AAAGGAAGAGACTCCAGCAGCAGATGCAGCAGCATGTTACAGCTTTGACACAAATCCACCTTCTTGCCAC
 CTGCAACCCCAATCTCAATCCGGAGGCCAGTAGCACCAGGATATGTCTTAAAGAGCTGGGAACCTTTGCT
 CAAAGCTCCATCGCCCTTACCATCAGTACAACCCCAAGTTTCAGACCCTGTTCCAACCCGTAACCTTGA
 TGGGAGCTATGCAGCTGATTGAAGACTTCAGCACACATGTCAGCATTGACTGCAGCCCTCATAAACTGT
 CAAGAAGACTGCCAATGAATTTCCCTGTTTGCCAAAGCAAGTGGCTTGGATCCTGGCCACAAGCAAGTT
 TTCATGTATCCAGAGTTACTTCCAGTGTGTTCCCTGAAGGCAAAGAATCCCCAGGATAAGATCCTCTTCA
 CCAAGGCTGAGGACAATTTGTTAGCTTTAGGACTGAAGCATTGGAAGGGACTGAGTTTCTTAACCTCT
 AATCAGCAAGTACCTTCTAACCTGCAAGACTGCCGCCAACTGACAGTGAGAATCAAGAACCTCAACATG
 AACAGAGCTCTGACAACATCATTAAATTTATAAGAAGCAAAACAGCTGCCAGTCTAGGAAAATGCT
 GTGAAGAGATCCAGCCACATCAGTGAAGCCACCTATAGAGAGAGAAGAACACCGGCTCCATTCTGGTT
 AAAGAGTGTTCATTTCCAATAGGCCAGTCTGCCATCCATCCAGGAAGAACTGCCGCACATGGCTGATG
 GTGCTAGAGAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC231223 representing NM_001198906
 Red=Cloning site Green=Tags(s)

MEEEASRSAAATNPGSRLTRWPPDKREGSAVDPGKRRSLAATPSSSLPCTLIALLGLRHEKEANELMEDL
 FETFQDEMGFSNMEDDGPEEEERVAEPQANFNTPQALRFEELLANLLNEQHIAKELFEQLKMKPSAKQ
 QKEVEKVKPQCKEVHQTLILDPAQRKRLQQMQQHVQLLTQIHLLATCNPNLNPEASSTRICLKELGTFA
 QSSIALHHQYNPKFQTLFQPCNLMGAMQLIEDFSTHVSIDCSPHKTVKKTANEFPLPKQVAWILATSKV
 FMYPELLPVCSLKAKNPQDKILFTKAEDNLLALGLKHFEGTEFLNPLISKYLLTCKTARQLTVRIKLNLM
 NRAPDNI IKFYKKTQLPVLGKCCEEIQPHQWKPPIEREEHRLPFWLKSVLISNRPVCHPSRKNCGTWLM
 VLER

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8058_h05.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001198906

ORF Size: 1272 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:

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_001198906.2](#)

RefSeq ORF: 1275 bp

Locus ID: 55249

UniProt ID: [Q9H869](#)

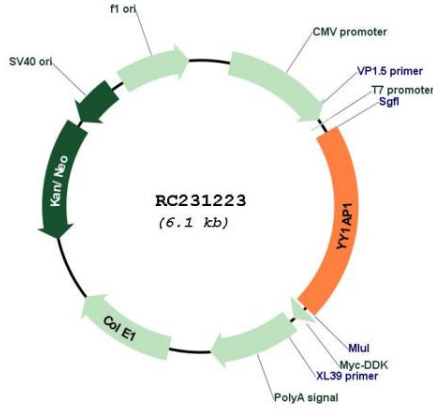
Cytogenetics: 1q22

MW: 48.9 kDa

Gene Summary:

The encoded gene product presumably interacts with YY1 protein; however, its exact function is not known. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC231223