

## Product datasheet for **RC231433**

### **YY1AP1 (NM\_001198903) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	YY1AP1 (NM_001198903) 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:**

>RC231433 representing NM\_001198903  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGGAGTCGGGCGAAGCGGGGACCGTGGGGAAGAACGCGAGGAGGAGGAGTGGGAGTTGGGGG  
 TGTCGCTAGGCGCCCTTAGCTCCCTCCCTCGGAGGAGCTGCCGCGCCACTCTGCTGCCCGCTGCCG  
 CCGCCATTTGGGTTTCGCTTTCGAGGGGAAACGATCCCAGTGTGCGTTGCGGGATCCGCTCCTCTCAG  
 TTTGCCCTTTAGCCCTCCACCTTTCCCTTCTCCTCTCTCGCATTTCGCGCAGTCGGCTTACCCGCTGGC  
 CGCCTCTGACAAGCGGGAGGGATCCGCGGTGGACCCAGGGAAGCGGAGGAGCCTGGCGGCCACCCCTC  
 TTCCTCACTTCCCTGTACTCTCATCGCTCTCGGCTCCGACACGAAAAGGAAGCAATGAGCTGATGGAA  
 GATCTGTTTGAACCTTTCCAAGATGAGATGGGATTCTCCAACATGGAAGATGATGGCCAGAAGAGGAGG  
 AGCGTGTGGCTGAGCCTCAAGCTAACTTAAACCCCTCAAGCTCTACGTTTGGAGAACTACTGGCCAA  
 CCTACTAAATGAACAACATCAGATAGCGAAGGAACTATTTGAACAGCTGAAGATGAAGAACTTACGCC  
 AAACAGCAGAAGGAGGTAGAGAAGGTTAAACCCCAAGTGTAAAGGAAGTTCATCAGACCTGATTCTGGACC  
 CAGCACAAGGAAGAGACTCCAGCAGCAGATGCAGCAGCATGTTCAAGCTTTCGACACAAATCCACCTTCT  
 TGCCACCTGCAACCCCAATCTCAATCCGGAGGCCAGTAGCACCAGGATATGTCTTAAAGAGCTGGGAACC  
 TTTGCTCAAAGCTCCATCGCCCTTACCATCAGTACAACCCCAAGTTTCAGACCTGTTCACCCCTGTA  
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 AAGGTTTTTTCATGTATCCAGAGTTACTTCCAGTGTGTTCCCTGAAGGCAAGAATCCCAAGGATAAGATCC  
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 GTGAAACTCGGTACCCACTGCTATTGCCTAAGGGTGTAGTCTGAACTGAAGCCAGTTGCCGACCGTTT  
 CCCCAGAAGGCTTGGAGACAGAAGCGTTCATCAGTCTGAAACCCCTCCTTATCCAACCCAGCCCTCT  
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 CTTCCCTGGGGATTTAGAGGAAGTTGTCAAGATGGAACCTGAAGATGCTACAGAGGAAATCAGTGGATT  
 TCTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231433 representing NM\_001198903  
 Red=Cloning site Green=Tags(s)

MAGVGRSGGPWGRTRGGRSGRLGVSLGALSSLPLEELPRPLCCRRCRRHFGFALRGETIPVSVAGSASSQ  
 FAPLALHL SLLL SRISASRL TRWPPDPKREGSAVDPGKRRSLAATPSSSLPCTLI ALGLRHEKEANELME  
 DLFETFQDEMGSNMEDDGP EEEERVAEPQANFNTPQALRFEELLANLLNEQHQIAKELFEQLKMKKPSA  
 KQKQEVKVKPQCKEVHQTLILDPAQRKRLQQQMQQHVQLLTQIHLLATCNPNLNPEASSTRICKELGT  
 FAQSSIALHHQYNPKFQTLFQPCNLMGAMQLIEDFSTHVSIDCSPHKTVKKTANEFPCLPKQVAVILATS  
 KVMYPELLPVCSLKAKNPQDKILFKAEDNLLALGLKHFEGTEFLNPLISKYLLTCKTARQLTVRIKNL  
 NMNRAPDNIKIFYKTKQLPVLGKCC EIQPHQWKPIEREEHRLPFWLKASLPSIQEELRHMDGAREV  
 GNMTGTTEINSDQGLEKDNSELGSETRYPLLLPKGVVLKLPVADRFPKKAWRQKRSSVLKPLLIQSPS  
 LQPSFNPKTPAQSTHSEAPSKMVLRIHPHIQPATVLTQVPGVPLVSGGESFESPAALPAMPPEART  
 SFPLSESQTLLSSAPVKVMMPSPASSMFRKPYVRRRPSKRRGARAFRCIKPAPVIHPASVIFTVPATTV  
 KIVSLGGCNMIQPVNAAVAQSPQTIPIATLLVNPTSFPCPLNQPLVASSVSPLIVSGNSVNLPIPSTPE  
 DKAHMNVDIACAADGENAFQGLEPKLEPQEL SPLSATVFPKVEHSPGPPVVDKQCEGLSENSAYRWTV  
 VKTEEGRQALEPLPQGIQESLNNSSPGDLEEVKMEPEDATEEISGFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

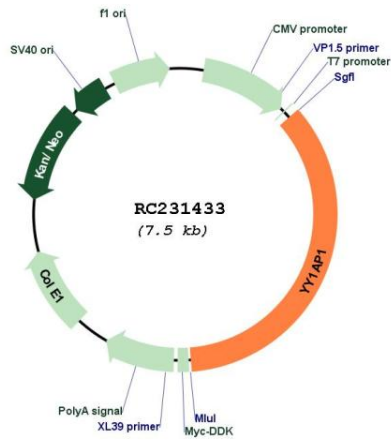
Cloning Scheme:



ACCN: NM\_001198903

<b>ORF Size:</b>	2664 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001198903.1</a> , <a href="#">NP_001185832.1</a>
<b>RefSeq ORF:</b>	2667 bp
<b>Locus ID:</b>	55249
<b>UniProt ID:</b>	<a href="#">Q9H869</a>
<b>Cytogenetics:</b>	1q22
<b>MW:</b>	98.2 kDa
<b>Gene Summary:</b>	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 RC231433