

Product datasheet for **RC218253**

YY1AP1 (NM_139118) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	YY1AP1 (NM_139118) 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)



[View online »](#)

ORF Nucleotide Sequence:

>RC218253 representing NM_139118
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAGGAGCGAGCCGAGCGCCGCGGGCAGCAACCCAGGGAGTCGGCTTACCCGCTGGCCGCTC
 CTGACAAGCGGGAGGGATCCGCGGTGGACCCAGGGAAGCGGAGGAGCCTGGCGGCCACCCCTCTTCCTC
 ACTTCCCTGTACTCTCATCGCTCTCGGCCCTCCGACACGAAAAGGAAGCAAATGAGCTGATGGAAGATCTG
 TTTGAACTTTCCAAGATGAGATGGGATTCTCCAACATGGAAGATGATGGCCAGAAGAGGAGGAGCGTG
 TGGCTGAGCCTCAAGCTAACTTTAACACCCCTCAAGCTCTACGGTTTGGGAACTACTGGCCAACCTACT
 AAATGAACAACATCAGATAGCGAAGGAACATTTGAACAGCTGAAGATGAAGAAACCTTCAGCCAAACAG
 CAGAAGGAGGTAGAGAAGGTTAAACCCAGTGAAGGAAGTTCATCAGACCCTGATTCTGGACCCAGCAC
 AAAGGAAGAGACTCCAGCAGCAGATGCAGCAGCATGTTACAGCTTTGACACAAAATCCACCTTCTTGCCAC
 CTGCAACCCCAATCTCAATCCGGAGGCCAGTAGCACCAGGATATGTCTTAAAGAGCTGGGAACCTTTGCT
 CAAAGCTCCATCGCCCTTACCATCAGTACAACCCCAAGTTTCAGACCCTGTTCCAACCCGTAACCTTGA
 TGGGAGCTATGCAGCTGATTGAAGACTTCAGCACACATGTCAGCATTGACTGCAGCCCTCATAAACTGT
 CAAGAAGACTGCCAATGAATTTCCCTGTTTGCCAAAGCAAGTGGCTTGGATCCTGGCCACAAGCAAGGTT
 TTCATGTATCCAGAGTACTTCCAGTGTGTTCCCTGAAGGCAAAGAATCCCCAGGATAAGATCCTCTTCA
 CCAAGGCTGAGGACAACAAGTACCTTCTAACCTGCAAGACTGCCCGCCAACTGACAGTGAGAATCAAGAA
 CCTCAACATGAACAGAGCTCCTGACAACATCATTAAATTTTATAAGAAGACCAAACAGCTGCCAGTCCTA
 GAAAAATGCTGTGAAGAGATCCAGCCACATCAGTGGGAAGCCACCTATAGAGAGAGAAGAACACCGGCTCC
 CATTCTGGTTAAAGGCCAGTCTGCCATCCACGGAAGAATCGGCCACATGGCTGATGGTGTCTAGAGA
 GGTAGGAAATATGACTGGAACCACTGAGATCAACTCAGATCAAGGCCCTAGAAAAAGACAACCTCAGAGTTG
 GGGAGTGAAACTCGGTACCCACTGCTATTGCCTAAGGGTGTAGTCTGAAACTGAAGCCAGTTGCCGACC
 GTTCCCAAGAAGGCTTGGAGACAGAAGCGTTTCATCAGTCTGAAACCCCTCCTTATCCAACCCAGCCC
 CTCTCTCCAGCCAGCTTCAACCCTGGGAAAACACCAGCCCAATCAACTCATTGAGAAGCCCTCCGAGC
 AAAATGGTGTCCGATTCTCACCCAATACAGCCAGCCACTGTTTTACAGACAGTTCAGGTGTCCCTC
 CACTGGGGTCAAGTGGAGGTGAGAGTTTGTAGTCTCTGCAGCACTGCCTGCTATGCCCCCTGAGGCCAG
 GACAAGCTTCCCTCTGTCTGAGTCCAGACTTTGCTCTCTTCTGCCCTGTGCCAAGGTAATGATGCC
 TCCCTGCTCTTCCATGTTTCGAAAGCCATATGTGAGACGGAGACCCTCAAAAAGAAGGGGAGCCAGGG
 CCTTTCGCTGTATCAAACCTGCCCTGTTATCCACCCTGCATCTGTTATCTTCACTGTTCCCTGCTACCAC
 TGTGAAGATTGTGAGCCTTGGCGGTGGCTGTAACATGATCCAGCCTGTCAATGCGGCTGTGGCCAGAGT
 CCCCAGACTATCCCATCGCCACCCTCTTGTTAACCCCTACTTCCCTTCCCTGTCCATTGAACAGCCCC
 TTGTGGCTCCTCTGTCTCACCTTAATTGTTTCTGGCAATTCTGTGAATCTTCTATACCATCCACCCC
 TGAAGATAAAGGCCACATGAATGTGGACATTGCTTGTGCTGTGGCTGATGGGAAAATGCCTTTCAGGGC
 CTAGAACCCAAATTAGAGCCCAGGAATATCTCTCTCTGCTACTGTTTTCCCAAAGTGAACATA
 GCCCAGGGCCTCCACAGTCGATAAACAGTGCCAAGAAGGATTGTCAGAGAACAGTGCCTATCGCTGGAC
 CGTTGTGAAAACAGAGGAGGGAAGGCAAGCTCTGGAGCCGCTCCCTCAGGGCATCCAGGAGTCTCTAAAC
 AACTCTTCCCTGGGGATTTAGAGGAAGTTGTCAAGATGGAACCTGAAGATGCTACAGAGGAAATCAGTG
 GATTTCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC218253 representing NM_139118
Red=Cloning site Green=Tags(s)

MEEEEASRSAAATNPGSRLTRWPPDPKREGSAVDPGKRRSLAATPSSSLPCTLIALGLRHEKEANELMEDL
FETFQDEMGFSNMEDDGPEEEERVAEPQANFNTPQALRFEELLANLLNEQHIAKELFEQLKMKKPSAKQ
QKEVEKVKPQCKEVHQTLILDPAQRKRLQQMQQHVQLLTQIHLLATCNPNLNPEASSTRICLKELGTFA
QSSIALHHQYNPKFQTLFQPCNLMGAMQLIEDFSTHVSIDCSPHKTVKKTANEFPCLPKQVAWILATSKV
FMYPELLPVCSLKAKNPQDKILFKAEDNKYLLTCKTARQLTVRIKLNLMNRAPDNIKFKYKTKQLPVL
GKCCEEIQPHQWKPIEREEHRLPFWLKASLPSIQEELRHMADGAREVGNMTGTTEINSDQGLEKDNSEL
GSETRYPLLLPKGVVLKLPVADRFPPKAWRQKRSSVLKPLLIQSPSLQPSFNPGKTPAQSTHSEAPPS
KMVLRIPHPIQPATVLQTVPGVPLGVSGGESFESPAALPAMPPEARTSFPLSESQTLSSAPVPKVMMP
SPASSMFRKPYVRRRPSKRRGARAFRCIKPAPVIHPASVIFTVPATTVKIVSLGGGCNMIQPVNAAVAQS
PQTIPIATLLVNPTSFPCPLNQPLVASSVSPLIVSGNSVNLPIPSTPEDKAHMNVDIACAVADGENAFQG
LEPKLEPQELSPLSATVFPKVEHSPGPPPVDKQCQEGLSENSAYRWTVVKTEEGRQALEPLPQGIQESLN
NSSPGDLEEVVKMEPEDATEEISGFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8079_c11.zip

Restriction Sites: Sgfl-Mlul

Cloning Scheme:


ACCN: NM_139118

ORF Size: 2388 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_139118.2](#)

RefSeq Size: 2617 bp

RefSeq ORF: 2391 bp

Locus ID: 55249

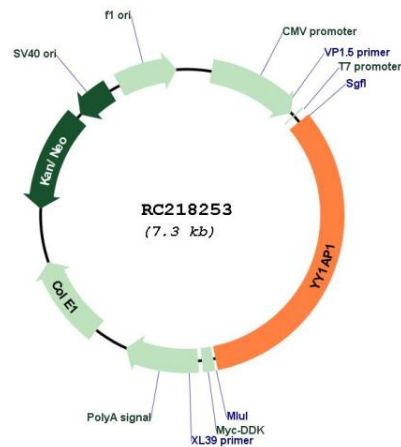
UniProt ID: [Q9H869](#)

Cytogenetics: 1q22

MW: 87.8 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 RC218253