

Product datasheet for **SC329481**

YY1AP1 (NM_001198902) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	YY1AP1 (NM_001198902) Human Untagged Clone
Tag:	Tag Free
Symbol:	YY1AP1
Synonyms:	GRNG; HCCA1; HCCA2; YY1AP
Vector:	pCMV6-Entry (PS100001)

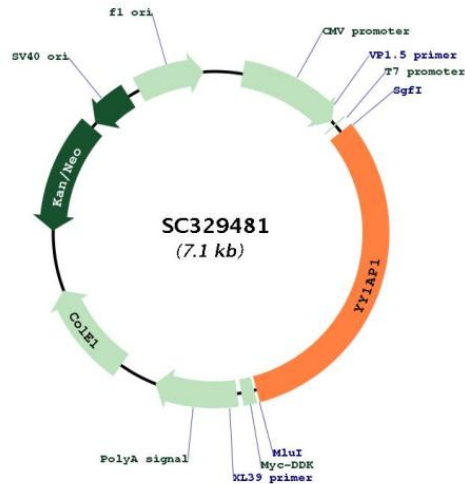


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Fully Sequenced ORF: >SC329481 representing NM_001198902.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGAAGATCTGTTTGAACCTTTCCAAGATGAGATGGGATTCTCCAACATGGAAGATGATGGCCAGAA
 GAGGAGGAGCGTGTGGCTGAGCCTCAAGCTAACTTTAACACCCCTCAAGCTCTACGGTTTGAGGAACTA
 CTGGCCAACCTACTAAATGAACAACATCAGATAGCGAAGGAACTATTTGAACAGCTGAAGATGAAGAAA
 CCTTCAGCCAAACAGCAGAAGGAGGTAGAGAAGTTAAACCCAGTGAAGGAAGTTCATCAGACCCTG
 ATTCTGGACCCAGCACAAAGGAAGAGACTCCAGCAGCAGATGCAGCAGCATGTTCCAGCTTTGACACAA
 ATCCACCTTCTTGCCACCTGCAACCCCAATCTCAATCCGGAGGCCAGTAGCACCAGGATATGCTTAAA
 GAGCTGGGAACCTTTGCTCAAAGCTCCATCGCCCTTACCATCAGTACAACCCCAAGTTTCAGACCCTG
 TTCCAACCCTGTAACCTTGATGGGAGCTATGCAGCTGATTGAAGACTTCAGCACACATGTCAGCATTGAC
 TGCAGCCCTCATAAACTGTCAAGAAGACTGCCAATGAATTTCCCTGTTTGCCAAAGCAAGTGGCTTGG
 ATCCTGGCCACAAGCAAGGTTTTATGTATCCAGAGTTACTTCCAGTGTGTTCCCTGAAGCAAAGAAT
 CCCCAGGATAAGATCCTTTCACCAAGGCTGAGGACAATTTGTTAGCTTTAGGACTGAAGCATTTTGAA
 GGGACTGAGTTTCTTAACCTCTAATCAGCAAGTACCTTCAACCTGCAAGACTGCCCGCAACTGACA
 GTGAGAATCAAGAACCTCAACATGAACAGAGCTCCTGACAACATCATTAAATTTATAAGAGACCCAAA
 CAGCTGCCAGTCTTAGGAAAATGCTGTGAAGAGATCCAGCCACATCAGTGGAAAGCCACCTATAGAGAGA
 GAAGAACACCGGCTCCCATTCTGGTTAAAGGCCAGTCTGCCATCCATCCAGGAAGAACTGCGGCACATG
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 CTGAAGCCAGTTGCCGACCGTTTCCCAAGAAGGCTTGGAGACAGAAGCGTTCATCAGTCTGAAACCC
 CTCCTTATCCAACCCAGCCCTCTCTCCAGCCAGCTTCAACCTGGGAAAACACCAGCCCAATCAACT
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 CCTGCTATGCCCCCTGAGGCCAGGACAAGCTTCCCTCTGTCTGAGTCCCAGACTTTGCTCTCTTCTGCC
 CCTGTGCCAAGGTAATGATGCCCTCCCCTGCCTCTTCCATGTTTCGAAAGCCATATGTGAGACGGAGA
 CCCTCAAAAAGAAGGGGAGCCAGGGCCTTTCGCTGTATCAAACCTGCCCTGTTATCCACCCTGCATCT
 GTTATCTTCACTGTTCTGCTACCACTGTGAAGATTGTGAGCCTTGGCGTGGCTGAACATGATCCAG
 CCTGTCAATGCGGCTGTGGCCAGAGTCCCAGACTATCCCATCGCCACCCTCTTGTTAACCCCTACT
 TCCTTCCCCTGTCCATTGAACCAGCCCTTGTGGCCTCCTGTCTCACCCCTAATTGTTTCTGGCAAT
 TCTGTGAATCTTCTATACCATCCACCCTGAAGATAAGGCCACATGAATGTGGACATTGCTTGTGCT
 GTGGCTGATGGGAAAATGCCTTTCAGGCCTAGAACCCTAAATTAGAGCCCAGGAACTATCTCCTCTC
 TCTGCTACTGTTTTCCCAAAAGTGAACATAGCCAGGGCCTCCACCAGTCGATAAACAGTGCCAAGAA
 GGATTGTCAGAGAACAGTGCCTATCGCTGGACCGTTGTGAAAACAGAGGAGGGAAGGCAAGCTCTGGAG
 CCGCTCCCTCAGGGCATCCAGGAGTCTCTAAACAACCTTCCCCTGGGGATTTAGAGGAAGTTGTCAAG
 ATGGAACCTGAAGATGCTACAGAGGAAATCAGTGGATTCTTTGA

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001198902

Insert Size: 2253 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_001198902.1](#)

RefSeq Size: 2571 bp

RefSeq ORF: 2253 bp

Locus ID: 55249

UniProt ID: [Q9H869](#)

Cytogenetics: 1q22

MW: 83.1 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]

Transcript Variant: This variant (9) has an alternate 5' sequence, resulting in a downstream AUG start codon, as compared to variant 10. The resulting isoform (3) has a shorter N-terminus, as compared to isoform 6. Variants 3, 8 and 9 encode the same isoform 3.