

## Product datasheet for **SC329478**

### YY1AP1 (NM\_001198899) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	YY1AP1 (NM_001198899) Human Untagged Clone
Tag:	Tag Free
Symbol:	YY1AP1
Synonyms:	GRNG; HCCA1; HCCA2; YY1AP
Vector:	pCMV6-Entry (PS100001)

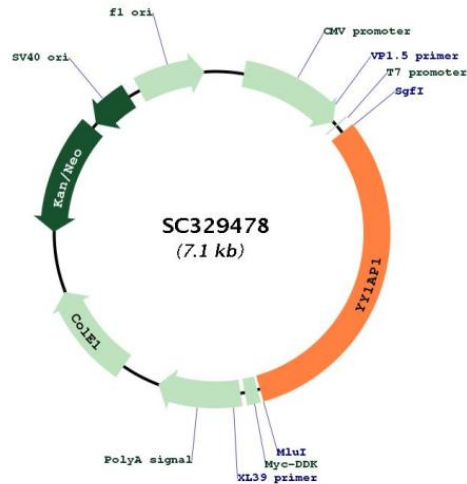


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Fully Sequenced ORF: >SC329478 representing NM\_001198899.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGGATTCTCCAACATGGAAGATGATGGCCCAGAAGAGGAGGAGCGTGTGGCTGAGCCTCAAGCTAAC
TTAACACCCCTCAAGCTCTACGGTTTGAGGAACACTGGCCAACCTACTAAATGAACAACATCAGATA
GCGAAGGAACATTTGAACAGCTGAAGATGAAGAAACCTTCAGCCAAACAGCAGAAGGAGGTAGAGAAG
GTTAAACCCCAAGTGTAAAGGAAGTTCATCAGACCCTGATTCTGGACCCAGCACAAGGAAGAGACTCCAG
CAGCAGATGCAGCAGCATGTTTCAGCTCTTGACACAAATCCACCTTCTTGCCACCTGCAACCCCAATCTC
AATCCGGAGGCCAGTAGCACCAGGATATGTCTTAAAGAGCTGGGAACCTTTGCTCAAAGCTCCATCGCC
CTTCACCATCAGTACAACCCCAAGTTTCAGACCCTGTTCCAACCTGTAACTTGATGGGAGCTATGCAG
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AATGAATTTCCCTGTTTGCCAAAGCAAGTGGCTTGGATCTGGCCACAAGCAAGTTTTTCATGTATCCA
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CCTGACAACATCATTAAATTTTATAAGAAGACCAAACAGCTGCCAGTCTAGGAAAATGCTGTGAAGAG
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ACTATCCCATCGCCACCCTCTGGTTAACCTACTTCTTCCCCTGTCCATTGAACCAGCCCTTGTG
GCCTCCTCTGTCTCACCTTAATTGTTTCTGGCAATTCTGTGAATCTTCTATACCATCCACCCCTGAA
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GAACCCAAATTAGAGCCCAGGAACTATCTCTCTCTGCTACTGTTTTCCCAAAAGTGAACATAGC
CCAGGGCCTCCACCAGTCGATAAACAGTGCCAAGAAGGATTGTCAGAGAACAGTGCCTATCGCTGGACC
GTTGTGAAAACAGAGGAGGGAAGGCAAGCTCTGGAGCCGCTCCCTCAGGGCATCCAGGAGTCTCTAAAC
AACTCTTCCCCTGGGGATTTAGAGGAAGTTGTCAAGATGGAACCTGAAGATGCTACAGAGGAAATCAGT
GGATTTCTTTGA
```

Restriction Sites: SgfI-MluI

**Plasmid Map:**


**ACCN:** NM\_001198899

**Insert Size:** 2220 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\\_001198899.1](#)

**RefSeq Size:** 2778 bp

**RefSeq ORF:** 2220 bp

**Locus ID:** 55249

**UniProt ID:** [Q9H869](#)

**Cytogenetics:** 1q22

**MW:** 81.7 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 (6) lacks 5' two exons but has an alternate 5' segment, resulting in a downstream AUG start codon, as compared to variant 10. The resulting isoform (1) has a shorter N-terminus, as compared to isoform 6. Variants 1, 6 and 7 encode the same isoform 1.