

Product datasheet for **SC322608**

YY1AP1 (NM_139119) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	YY1AP1 (NM_139119) Human Untagged Clone
Tag:	Tag Free
Symbol:	YY1AP1
Synonyms:	GRNG; HCCA1; HCCA2; YY1AP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322608
 GGAGGAGAGAAGAGGAGGTGGAGAAGGCTTGGGCTCGCGCCGCTGAAGTCGGCTTACCCG
 CTGGCCGCTCCTGACAAGCGGGAGGGATCCGCGGTGGACCCAGGGAAGCGGAGGAGCCT
 GGGGCCACCCCTCTTCTCCTCCTGACTCTCATCGCTCTCGGCCTCCGACACGA
 AAAGGAAGCAAATGAGCTGATGGAAGATCTGTTTAAAACCTTCCAAGATGAGATGGGATT
 CTCCAACATGGAAGATGATGGCCAGAAGAGGAGCGTGTGGCTGAGCCTCAAGCTAA
 CTTTAAACACCCCTCAAGCTCTACGTTTTGAGGAACTACTGGCCAACCTACTAAATGAACA
 ACATCAGATAGCGAAGGAACTATTTGAACAGCTGAAGATGAAGAAACCTTCAGCCAAACA
 GCAGAAGGAGGTAGAGAAGGTTAAACCCCAAGTGAAGGAAGTTCATCAGACCCTGATTCT
 GGACCCAGCACAAAGGAAGAGACTCCAGCAGCAGATGCAGCAGCATGTTGAGCTCTTGAC
 ACAAAATCCACCTTCTTGCCACCTGCAACCCCAATCTCAATCCGGAGGCCAGTAGCACCAG
 GATATGTCTTAAAGAGCTGGGAACCTTTGCTCAAAGCTCCATCGCCCTTACCATCAGTA
 CAACCCCAAGTTTCAGACCCTGTCCAACCCTGTAACCTGATGGGAGCTATGCAGCTGAT
 TGAAGACTTCAGCACACATGTCAGCATTGACTGCAGCCCTCATAAACTGTCAAGAAGAC
 TGCCAATGAATTTCCCTGTTTGCCAAAGCAAGTGGCTTGATCCTGGCCACAAGCAAGGT
 TTTTCATGTATCCAGAGTTACTTCCAGTGTGTTCCCTGAAGGCAAAGAATCCCCAGGATAA
 GATCCTCTTACCAAGGCTGAGGACAATTTGTTAGCTTTAGGACTGAAGCATTGTTGAAGG
 GACTGAGTTTCTTAACCTCTAATCAGCAAGTACCTTCTAACCTGCAAGACTGCCCGCCA
 ACTGACAGTGAGAATCAAGAACCTCAACATGAACAGAGCTCCTGACAACATCATTAAATT
 TTATAAGAAGACCAACAGCTGCCAGTCTTAGGAAAATGCTGTGAAGAGATCCAGCCACA
 TCAGTGGAAAGCCACCTATAGAGAGAGAAGAACACCGGCTCCCATTCTGGTTAAAGGCCAG
 TCTGCCATCCATCCAGGAAGAAGTCCGACATGGCTGATGGTGTAGAGAGGTAGGAAA
 TATGACTGGAACCACTGAGATCAACTCAGATCAAGGCCTAGAAAAAGACAACCTCAGATT
 GGGGAGTGAAACTCGGTACCCACTGCTATTGCCTAAGGGGTAGTCCCTGAAACTGAAGCC
 AGTTGCCGACCGTTTCCCAAGAAGGCTTGGAGACAGAAGCGTTCATCAGTCCTGAAACC
 CCTCCTTATCCAACCCAGCCCTCTCTCCAGCCAGCTTCAACCTGGGAAAACACCAGC
 CCAATCAACTCATTGAGAAGCCCTCCGAGCAAAATGGTGTCCGGATTCTCACCCAAT
 ACAGCCAGCCACTGTTTTACAGACAGTTCAGGTGTCCCTCCACTGGGGTCAAGTGGAGG
 TGAGAGTTTTGAGTCTCCTGCAGCACTGCCTGCTATGCCCCCTGAGGCCAGGACAAGCTT
 CCCTCTGTCTGAGTCCCAGACTTTGCTCTTTCTGCCCTGTGCCAAGGTAATGATGCC
 CTCCCCTGCCTCTCCATGTTTGCAAAAGCCATATGTGAGACGGAGACCCTCAAAAAGAAG
 GGGAGCCAGGGCCTTTCGCTGTATCAAACCTGCCCTGTTATCCACCCTGCATCTGTTAT
 CTTCACTGTTCTGCTACCACTGTGAAGATTGTGAGCCTTGGCGGTGGCTGTAACATGAT
 CCAGCCTGTCAATGCGGCTGTGGCCAGAGTCCCAGACTATTCCCATCGCCACCCTCTT
 GGTAAACCCTACTTCTTCCCCTGTCCATTGAACCAGCCCTTGTGGCCTCCTCTGTCTC
 ACCCTTAATTGTTTCTGGCAATTCTGTGAATCTTCTATACCATCCACCCTGAAGATAA
 GGCCACATGAATGTGGACATTGCTTGTGCTGTGGCTGATGGGAAAATGCCTTTCAGGG
 CCTAGAACCCAAATTAGAGCCCCAGGAAGTATCTCCTCTCTGCTACTGTTTTCCCAA
 AGTGGAAACATAGCCCAGGGCCTCCACCAGTCGATAAACAGTGCCAAGAAGGATTGTCAGA
 GAACAGTGCCTATCGCTGGACCGTTGTGAAAACAGAGGAGGGAAGCAAGCTCTGGAGCC
 GCTCCCTCAGGGCATCCAGGAGTCTCTAAACAACCTTCCCTGGGGATTTAGAGGAAGT
 TGTCAAGATGGAACCTGAAGATGCTACAGAGGAAATCAGTGGATTTCTTTGAGCTAGGAG
 AATAAGAGTCTGGAGACTGGGAGCCTTCACTTCGGCCTCCGATTGGTGGCGCATAGGGTG
 TAACCAATAGGAAACCCCTAAAGGGTACTTAAACCCAGATTTTGCAACTGGGGCTCTTG
 AGCAGCTTGCTTTAGCCTGCTCCACTCTGTGGAATATACTTTTGCTTCAATAAATCTGT
 GCTTTTATTGCTTATTGTTTCATTGAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_139119

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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:	<u>NM_139119.2</u> , <u>NP_620830.1</u>
RefSeq Size:	2749 bp
RefSeq ORF:	2253 bp
Locus ID:	55249
UniProt ID:	<u>Q9H869</u>
Cytogenetics:	1q22
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) 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.</p>