

## Product datasheet for **RG231223**

### YY1AP1 (NM\_001198906) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** YY1AP1 (NM\_001198906) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** YY1AP1  
**Synonyms:** GRNG; HCCA1; HCCA2; YY1AP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG231223 representing NM\_001198906  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGGAGGAGCGAGCCGAGCGCCGCGCGGACGAACCCAGGGAGTCGGCTTACCCGCTGGCCGCTC  
CTGACAAGCGGGAGGGATCCGCGGTGGACCCAGGGAAGCGGAGGAGCCTGGCGGCCACCCCTCTTCCTC  
ACTTCCCTGTACTCTCATCGCTCTCGGCTCCGACACGAAAAGGAAGCAAATGAGCTGATGGAAGATCTG  
TTTAAACTTTCCAAGATGAGATGGGATCTCCAACATGGAAGATGATGGCCAGAAGAGGAGGAGCGTG  
TGGCTGAGCCTCAAGCTAACTTTAACACCCCTCAAGCTCTACGGTTTGAGGAACTACTGGCCAACCTACT  
AAATGAACAACATCAGATAGCGAAGGAACTATTTGAACAGCTGAAGATGAAGAAACCTTCAGCCAACAG  
CAGAAGGAGGTAGAGAAGGTTAAACCCCAAGTGAAGGAAGTTCATCAGACCCCTGATTCTGGACCCAGCAC  
AAAGGAAGAGACTCCAGCAGCAGATGCAGCAGCATGTTCAAGCTCTTGACACAAATCCACCTTCTTGCCAC  
CTGCAACCCCAATCTCAATCCGGAGGCCAGTAGCACCAGGATATGTCTTAAAGAGCTGGGAACCTTTGCT  
CAAAGCTCCATCGCCCTCACCATCAGTACAACCCCAAGTTTCAGACCCTGTTCCAACCTGTAACCTTGA  
TGGGAGCTATGCAGCTGATTGAAGACTTCAGCACACATGTCAGCATTGACTGCAGCCCTCATAAACTGT  
CAAGAAGACTGCCAATGAATTTCCCTGTTTGCCAAAGCAAGTGGCTTGGATCCTGGCCACAAGCAAGTT  
TTCATGTATCCAGAGTTACTTCCAGTGTGTTCCCTGAAGGCAAAGAATCCCAGGATAAGATCCTCTTCA  
CCAAGGCTGAGGACAATTTGTTAGCTTTAGGACTGAAGCATTGTTGAAGGACTGAGTTTCTTAACCCCTC  
AATCAGCAAGTACCTTCTAACCTGCAAGACTGCCCGCAACTGACAGTGAGAATCAAGAACCTCAACATG  
AACAGAGCTCCTGACAACATCATTAATTTTATAAGAAGACCAAACAGCTGCCAGTCTAGGAAAATGCT  
GTGAAGAGATCCAGCCACATCAGTGGAAGCCACCTATAGAGAGAGAAGAACACCGGCTCCCATTCTGGTT  
AAAGAGTGTCTCATTTCATAGGCCAGTCTGCCATCCATCCAGGAAGAAGTGCAGCACATGGCTGATG  
GTGCTAGAGAGG

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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**Protein Sequence:** >RG231223 representing NM\_001198906  
 Red=Cloning site Green=Tags(s)

MEEEASRSAAATNPGSRLTRWPPDKREGSAVDPGKRRSLAATPSSSLPCTLIALLGLRHEKEANELMEDL  
 FETFQDEMGFSNMEDDGPEEEEERVAEPQANFNTPQALRFEELLANLLNEQHIAKELFEQLKMKKPSAKQ  
 QKEVEKVKPQCKEVHQTLILDPAQRKRLQQMQQHVQLLTQIHLLATCNPNLNPEASSTRICKELGTFA  
 QSSIALHHQYNPKFQTLFQPCNLMGAMQLIEDFSTHVSIDCSPHKTVKKTANEFPCLPKQVAWILATSKV  
 FMYPELLPVCSLKAKNPQDKILFKAEDNLLALGLKHFEGTEFLNPLISKYLLTCKTARQLTVRIKLNLM  
 NRAPDNIKFKYKTKQLPVLGKCCEEIQPHQWKPPIEREEHRLPFWLKSVLISNRPVCHPSRKNCGTWLM  
 VLER

TRTRPLE - GFP Tag - V

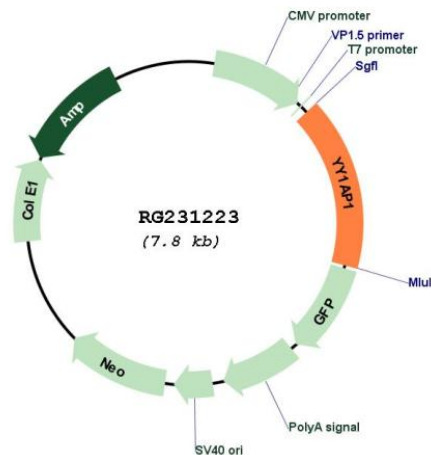
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_001198906

<b>ORF Size:</b>	1272 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_001198906.2</a>
<b>RefSeq Size:</b>	2756 bp
<b>RefSeq ORF:</b>	1275 bp
<b>Locus ID:</b>	55249
<b>UniProt ID:</b>	<a href="#">Q9H869</a>
<b>Cytogenetics:</b>	1q22
<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]