

Product datasheet for **RG214071**

YY1 associated factor 2 (YAF2) (NM_005748) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: YY1 associated factor 2 (YAF2) (NM_005748) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: YAF2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG214071 representing NM_005748
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGAGACAAGAAGAGCCCCACCAGGCCGAAGCGGCAGCCGAAGCCGTCCTCGGATGAGGGTACTGGG
 ACTGTAGCGTCTGCACCTCCGGAACAGCGCCGAGGCCTCAAGTGCATGATGTGCGATGTGCGGAAGGG
 CACCTCCACCCGAAACCTCGACCTGTCTCCAGTTGGTGCACAGCAGGTTACTCAGCAGTTTGTGCCT
 CCTACACAGTCAAAGAAAGAGAAAAAGATAAAGTAGAAAAAGAAAAAGTAAAAAGAAACAACCTAGCA
 AAAAGAATAGCCATAAGAAAACCAGGCCAAGATTGAAAAATGTGGATCGGAGTAGTGCTCAGCATTGGA
 AGTTACTGTTGGAGATCTGACAGTCATTATTACAGACTTTAAGGAGAAAACAAAGTCACCGCCTGCATCT
 AGTGCTGCTTCTGCAGATCAACACAGTCAAAGCGGCTCTAGCTCTGATAACACAGAGAGGAATGTCCA
 GGTCTCTTACCAGAGGAGAAGCCTCATCATTGAATGGAGAATCTCAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG214071 representing NM_005748
 Red=Cloning site Green=Tags(s)
 MGDKKSPTPKRQPKPSSDEGYWDCSVCTFRNSAEAFKCMCDVRKGTSTRKPRPVSQQLVAQQVTQQFVP
 PTQSKKEKDKVEKEKSEKETTSKKNSHKTRPRLKNVDRSSAQHLEVTVDLTVIITDFKEKTKSPPAS
 SAASADQHSQSGSSDNTERGMSRSSSPRGEASSLNGESH

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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:	NM_005748.6
RefSeq Size:	4096 bp
RefSeq ORF:	543 bp
Locus ID:	10138
UniProt ID:	Q8IY57
Cytogenetics:	12q12
Domains:	zf-RanBP
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	This gene encodes a zinc finger containing protein that functions in the regulation of transcription. This protein was identified as an interacting partner of transcriptional repressor protein Yy1, and also interacts with other transcriptional regulators, including Myc and Polycomb. This protein can promote proteolysis of Yy1. Multiple alternatively spliced transcript variants have been found. [provided by RefSeq, Feb 2016]