

## Product datasheet for **RC230975**

### YY1 associated factor 2 (YAF2) (NM\_001190977) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** YY1 associated factor 2 (YAF2) (NM\_001190977) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** YAF2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC230975 representing NM\_001190977  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGGAGACAAGAAGAGCCCCACCAGGAACTCGACCTGTCTCCAGTTGGTTGCACAGCAGGTTACTC  
AGCAGTTTGTGCCTCCTACACAGTCAAAGAAAGAGAAAAAGATAAAGTAGAAAAAGAAAAAGTAAAA  
GGAAACAAGTACGAAAAAGAAATAGCCATAAGAAAACAGGCCAAGATTGAAAAATGTGGATCGGAGTAGT  
GCTCAGCATTGGAAAGTTACTGTTGGAGATCTGACAGTCATTATTACAGACTTTAAGGAGAAAAACAAGT  
CACCGCTGCATCTAGTGCTGCTTCTGCAGATCAACACAGTCAAAGCGGCTCTAGCTCTGATAACACAGA  
GAGAGGAATGTCCAGGTCACTTCAACCCAGAGGAGAAGCCTCATCATTGAATGGAGAATCTCAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC230975 representing NM\_001190977  
**Red=Cloning site Green=Tags(s)**

MGDKKSPTRKPRPVSQLVAAQVTVQFPPTQSKKEKDKVEKEKSEKETT SKKNSHKKTRPRLKNVDRSS  
AQHLEVTVDLTVIITDFKEKTKSPPASSAASADQHSQSGSSSDNTERGMRSRSPRGEASSLNGESH

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



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<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>	<u><a href="#">NM_001190977.2</a></u>
<b>RefSeq ORF:</b>	417 bp
<b>Locus ID:</b>	10138
<b>UniProt ID:</b>	<u><a href="#">Q8IY57</a></u>
<b>Cytogenetics:</b>	12q12
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>MW:</b>	15.6 kDa
<b>Gene Summary:</b>	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]