

Product datasheet for RC214071

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: Myc-DDK
Symbol: YY1 associated factor 2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC214071 representing NM_005748
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGAGACAAGAAGAGCCCCACCAGGCCGAAGCGGCAGCCGAAGCCGTCTCGGATGAGGGTACTGGG
 ACTGTAGCGTCTGCACCTCCGGAACAGCGCCGAGGCCTCAAGTGCATGATGTGCGATGTGCGGAAGGG
 CACCTCCACCCGAAACCTCGACCTGTCTCCAGTTGGTTGCACAGCAGTTACTCAGCAGTTTGTGCCT
 CCTACACAGTCAAAGAAAGAGAAAAAGATAAAGTAGAAAAAGAAAAAGTAAAAAGGAAACAACCTAGCA
 AAAAGAATAGCCATAAGAAAACCGCCAAAGATTGAAAAATGTGGATCGGAGTAGTCTCAGCATTGGA
 AGTTACTGTTGGAGATCTGACAGTCATTATTACAGACTTTAAGGAGAAAAACAAAGTCACCGCCTGCATCT
 AGTGCTGCTTCTGCAGATCAACACAGTCAAAGCGGCTCTAGCTCTGATAACACAGAGAGGAATGTCCA
 GGTCTCTTACCAGAGGAGAAGCCTCATCATTGAATGGAGAATCTCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC214071 representing NM_005748
 Red=Cloning site Green=Tags(s)

MGDKKSPTRPKRQPKPSSDEGYWDCSVCTFRNSAEAFKCMCDVRKGTSTRKPRPVSQQLVAQQVTQQFV
 PTQSKKEKDKVEKEKSEKETSSKKNSHKTRPRLKNVDRSSAQHLEVTVDGLTVIITDFKEKTKSPPAS
 SAASADQHSQSGSSDNTERGMSRSSSPRGEASSLNGESH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mg3701_e01.zip

Restriction Sites: SgfI-MluI



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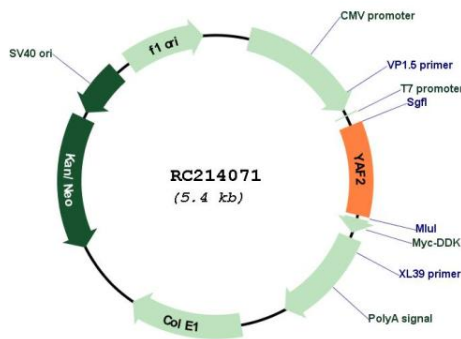
Domains: zf-RanBP

Protein Families: Druggable Genome, Transcription Factors

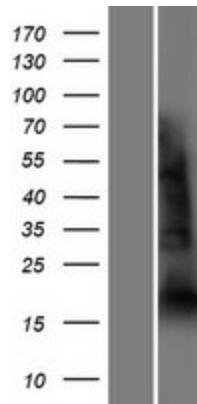
MW: 19.7 kDa

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]

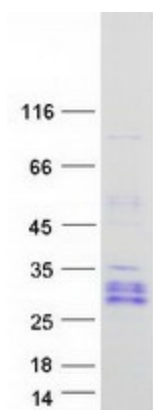
Product images:



Circular map for RC214071



Western blot validation of overexpression lysate (Cat# [LY417096]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC214071 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified YAF2 protein (Cat# [TP314071]). The protein was produced from HEK293T cells transfected with YAF2 cDNA clone (Cat# RC214071) using MegaTran 2.0 (Cat# [TT210002]).