

Product datasheet for RC223433

YY2 (NM_206923) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	YY2 (NM_206923) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	YY2
Synonyms:	ZNF631
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC223433 representing NM_206923 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCCAACGAAGATTTCTCCACCACACAAGACCTGGAGATCCCGGCAGATATTGTGGAGCTCCAGC
ACATCAATGTGGAGCCCCTTCTATGGAGGACATTCGACGAAAGCGTCCAGTACGAGGATGTGGATGG
CAATTGGATCTACGGTGGCCACAACCATCCGCCATTGATGGTGTGCAGCCGCTTTCACGAACACGGGC
TATGGCGACCACGACCAGGAAATGCTTATGTTGCAGACACAAGAGGAAGTGGTGGCTATTGCGACTCAG
ACAACCAGCTAGGCAACGACTTGGAGGACCAGTTGGCCCTCCCGGATAGCATTGAAGACGAGCACTTCCA
GATGACCTGGCCTCTCTGTCCGGCTCGGCGGCATCAACATCAACATCAACCCAGAGCCGAGCAAAAAG
CCCAGCAAAAAGGCCAGCGGCAAGAGTGCCACCAGCACTGAGGCCAACCCGGCAGGCAGCAGCTCCAGCC
TGGGCACGAGGAAGTGGGAGCAGAAGCAAATGCAGGTCAAACCGCTGGAGGGTGAGTTTTCCGTGACTAT
GTGGTCCCCTAACGATAACAATGACCAAGGGCAGTGGGTGAAGGCCAGGCTGAAAACCCACCTGATTAT
TCCGAGTACTTGAAGGGAAGAACTTCTCTGGGGGTTACCAGGCATTGATCTCTCAGATCCTAAAC
AGCTGGCAGAATTTACTAAAGTGAAGCCAAAAGGTCAAAGGAGAACCTCCAAAACAGTCCCTTGCTC
TTATAGCGGCTGCGAAAAGATGTTCCGGGATTACGCCCCATGAGAAAACATCTCCACATCCACGGGCCC
AGAGTCCACGTAATGTGCAGAATGTGGCAAAGCTTTTCTTGAGAGCTCAAAGCTGAGACGACACCGCTGG
TCCACACCGGCGAGAAGCCCTTTCAGTGACATTCGAAGGCTGCGGAAAACGCTTTTCCCTTGATTCAA
TTTGCGCACACACTTGCGCATCCACACCGGCGATAAGCCCTTCGTGTGCCCTTCGATGTTTGCAACAGG
AAGTTCGCTCAGTCAACCAACCTGAAAACCCACATATTAACGCATGTGAAGACAAAAACAACCCG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

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_206923.1](#), [NP_996806.1](#)

RefSeq Size: 1119 bp

RefSeq ORF: 1119 bp

Locus ID: 404281

UniProt ID: [O15391](#)

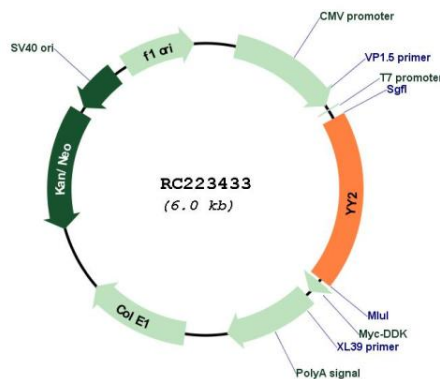
Cytogenetics: Xp22.12

Protein Families: Transcription Factors

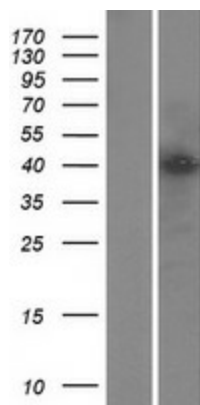
MW: 41.2 kDa

Gene Summary: The protein encoded by this gene is a transcription factor that includes several Kruppel-like zinc fingers in its C-terminal region. It possesses both activation and repression domains, and it can therefore have both positive and negative effects on the transcription of target genes. This gene has an intronless coding region, and it appears to have arisen by retrotransposition of the related YY1 transcription factor gene, which is located on chromosome 14. [provided by RefSeq, May 2010]

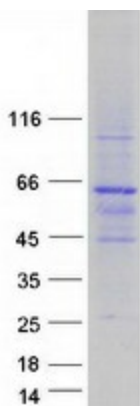
Product images:



Circular map for RC223433



Western blot validation of overexpression lysate (Cat# [LY404172]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC223433 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified YY2 protein (Cat# [TP323433]). The protein was produced from HEK293T cells transfected with YY2 cDNA clone (Cat# RC223433) using MegaTran 2.0 (Cat# [TT210002]).