

Product datasheet for **RC201483**

ZNF395 (NM_018660) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF395 (NM_018660) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF395
Synonyms:	HDBP-2; HDBP2; HDRF-2; PBF; PRF-1; PRF1; Si-1-8-14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC201483 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGAGTGTCTGTCCCGACGCTTGGAAAGCGGTCCCTCTGGGAGCCCGGGTGTGGACCCAGTG
 CCTCGGAGGGGCCCTCGGCTGCCCCACCCTCGGAGCCACTGCTAGAAGGGGCCGCTCCCCAGCCTTCAC
 CACCTCTGATGACACCCCTGCCAGGAGCAGCCCAAGGAAGTCCTTAAGGCTCCCAGCACCTCGGGCCTT
 CAGCAGGTGGCCTTTCAGCCTGGCAGAAAGTTTATGTGTGTACGGGGTCAAGAGTGCACAGGACTGG
 TGGAGCAGCACAGCTGGATGGAGGGTCAAGTACCGTCTGGTGTGGAGCAGAAGCTGCAGGTCTGCTG
 CAGGGTGGAGGAGGTGTGGCTGGCAGAGCTGCAGGGCCCTGTCCCAGGCACCACCCTGGAGCCCGGA
 GCCAGGCCCTGGCTACAGGCCGTCTCCAGGAACATCGATGTCCAAAGAGGAAGTCGGACGCAGTGG
 AAATGGATGAGATGATGGCGCCATGGTGTGACGTCCCTGTCTGCAGCCCTGTTGTACAGAGTCTCC
 CGGGACCGAGGCCAACTTCTGTCTCCCGTGGCGCTGCGACCCATGGAAGGAGAGTGGTACATCTCG
 GACAGCGCAGCAGCACTACCAGCGTCACTGGAGTGGGAGCAGTGGTGTCTCCACCCCTCGCCCCC
 ACCCCAGGCCAGCCCAAGTATTTGGGGATGCTTTTGGTTCTCCCAAAGTATCATGGCTTGTAGAC
 CGATCTGACCCCTTCTGCTGGACGAACCAGTCCACGAAAAAGAAAGAACTCTGTGAAGGTGATGTAC
 AAGTGCCTGTGGCCAACTGTGGCAAAGTTCTGCGCTCCATTGTGGGCATCAAACGACACGTCAAAGCCC
 TCCATCTGGGGGACACAGTGGACTCTGATCAGTTCAAGCGGGAGGAGGATTTCTACTACACAGAGGTGCA
 GCTGAAGGAGGAATCTGCTGTGCTGCTGCTGCTGCTGCCGAGGCACCCAGTCCCTGGGACTCCCACC
 TCCGAGCCAGTCCCACCCAGCATGACTGGCCTGCCTGTCTGCTCTCCACCACCTGCACAAAG
 CCCAGTCTCCGGCCAGAACATCCTGGCCGAGTCTCCCTGCCCTCAGGGGCTCTCAGCAAGTCAAG
 TCTGGGTCTTCTGGCACATTCAGGCAGATCATGCATACCAGGCTCTGCCATCTTCCAGATCCAGTCT
 TACCACACATCTACACCAGTGTGAGTGGCTGCTGCCCTCCGCGCCTGCTCTCTCTCCGGTCC
 GGAGCCGGTCTGTAAGCTTACAGCAGCCCCAGCAGCCAGCACCTGCGATGAAATCTCATCTGATGTCAC
 TTCTCCACCCCGGCCAGAGTGGTCCAGGAAAGCCGAGGGGAGGCTAAGAAGTCCGCAAGGTGTAT
 GGCATCGAGCACCAGGACAGTGGTGCACGGCTGCCGGTGAAGAAGGCCTGCCAGCGCTTCTGGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201483 protein sequence
 Red=Cloning site Green=Tags(s)

MASVLSRRLGKRSLLGARVLGPSASEGPSAAPPSEPLLEGAAPQPFTTSDDTPCQEQPKEVLKAPSTSGL
 QQVAFQPGQKVYVYGGQECTGLVEQHSWMEGQVTVWLLLEQKLQVCCRVEEVWLAELQGCPQAPPLEPG
 AQALAYRPVSRNIDVPRKSDAVEMDEMAAMVLTSLSCSPVVQSPPGTEANFSASRAACDPWKESGDIS
 DSGSSTTSGHWSGSSGVSTPSPHPQASPKYLGDAFGSPQTDHGFETDPDPFLLEPAPRKRKNSVKVY
 KCLWPNCGKVLRSIVGIKRHVKALHLGDTVDSQDFKREEDFYYTEVQLKEESAAAAAAGTPVPGTPT
 SEPAPTPSMTGLPLSALPPPLHKAQSSGPEHPGPESSLPSGALSKSAPGSFHWIQAADHAYQALPSFQIPV
 SPHIYTSVSWAAAPSAACSLSPVRSRSLFSEPQQPAPAMKSHLIVTSPRAQSGARKARGEAKKCRKVY
 GIEHRDQWCTACRWKACQRFLLD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6300_g01.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_018660

ORF Size: 1539 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:**
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_018660.3](#)

RefSeq Size: 4807 bp

RefSeq ORF: 1542 bp

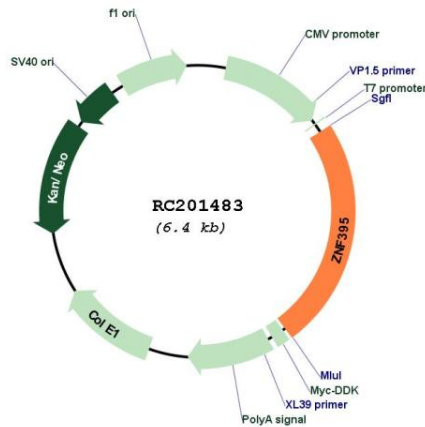
Locus ID: 55893

UniProt ID: [Q9H8N7](#)

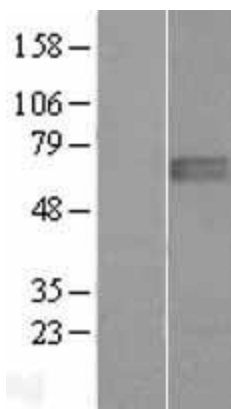
Cytogenetics: 8p21.1

Domains: zf-C2H2
Protein Families: Transcription Factors
MW: 54.9 kDa
Gene Summary: Plays a role in papillomavirus genes transcription.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC201483



Western blot validation of overexpression lysate (Cat# [LY412967]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC201483 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).