

Product datasheet for **RR203713**

Zeb1 (NM_013164) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zeb1 (NM_013164) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Zeb1
Synonyms: deltaEF1; Tcf8; Zfhx1a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR203713 representing NM_013164
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGTACATCTACACAATGGAATATTACTCAGCTATCAAAAATGACTTTATGAAATTCGTAGGCAAAT
GGTTGAAACTGAAAAGTATCATCTTGAGTGAGCTAACCCAATCACAGAAAGACATACATGAAAAGATGA
CGAATGCGACTCAGATGCAGAAAACGAGCAAAACCATGATCCCAACGTGGAAGAGTTCCTGCAGCAACAG
GACACCGCGGTACTCTACCCTGAGGCACCCGAGGAGGACCAGCGGCAGGGCACGCCAGAAGCCAGCGGTC
ATGATGACAATGGAACACCAGATGCATTTTCCCAGTTGCTCACCTGCCCGTATTGTGATAGAGGCTACAA
GCGCTTTACCTCTTTGAAAGAACACATTAAGTACCGCCATGAGAAGAATGAAGACAACCTCAGCTGCTCC
CTGTGCAGTTACACCTTTGCATACAGAACCAGCTTGAACGTCATATGACATCACATAAGTCAGGAAGAG
AGCAAAGACATGTGACACAGTCTGGAGGTAACCGTAAGTTCAAGTGCACCGAGTGTGGGAAAGCGTTCAA
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AGATTCCTCCGGGCAGTCTCTTGAACACCTTCTCCAGGACCGGGTCAGGAAACATCCCTGCAAAAAGTGA
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ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAGGTTTAA

Protein Sequence:

>RR203713 representing NM_013164
 Red=Cloning site Green=Tags(s)

MWYIYMEYSSAIKNDMFKFVKGWLKLESIIILSELTQSQKDIHVKDDECDSDAENEQNHDPNVEEFLQQQ
 DTAVIYPEAPEEDQRQGTPEASGHDDNGTPDAFSQLLTCPCYDRGYKRFSLKEHIKYRHEKNEDNFS
 LCSYTFAYRTQLERHMTSHKSGREQRHVTQSGGNRKFCTECGKAFKYKHHLKEHLRIHSGSPTRPQIRQ
 KIENKPLQEPLSVNQIKTEPVDYEFKPIVVASGINCSTPLQNGVFSGGGQLQATSSPQGVVQAVVLPVVG
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 LNALPELKHYDPEHPAQPPPPAPATEKPESSASSAGNGDLSQSPPLKNLLSLLKAYYALNAQPSTEELT
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 VPCLRALAANKQITILIPQVAYTYSATVSPAMQEPVVKVIQPNGNQDERQDTSSEGVSVEDQNDSDCTPPK
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 KCGKRFSHSGSYSQHMNHRSYCKRGAEDRDAMEQEDTGPALPEVLPTELVGARASPSQADSDERESLT
 REEDEDSEKEEEEEEDKEMEELQEDKECENPQEEEEEEEEEEEEEEEEEEEEAEAEHAAAAAKTGGAVEE
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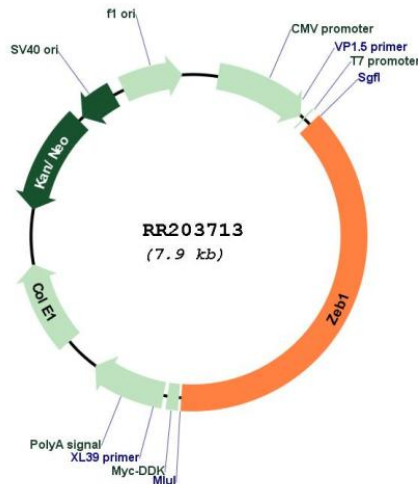
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_013164

ORF Size:

3027 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:	<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:	<u>NM_013164.1</u> , <u>NP_037296.1</u>
RefSeq Size:	3076 bp
RefSeq ORF:	3030 bp
Locus ID:	25705
Cytogenetics:	17q12.1
MW:	111.4 kDa
Gene Summary:	zinc finger and homeodomain protein that binds T3-response elements [RGD, Feb 2006]