

## Product datasheet for **RC230438**

### **DREF (ZBED1) (NM\_001171136) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	DREF (ZBED1) (NM_001171136) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DREF
Synonyms:	ALTE; DREF; hDREF; TRAMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide  
Sequence:**

>RC230438 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

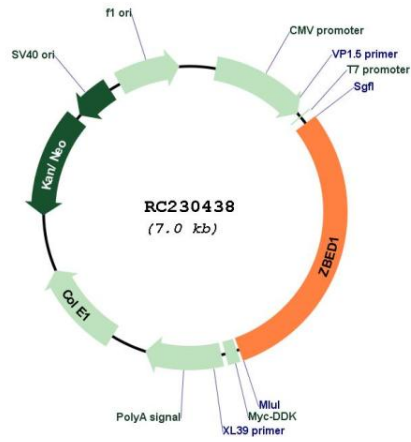
ATGGAGAATAAAAGCCTGGAGAGCTCCAGACAGACCTGAAGCTGGTGGCCACCCCGCGCCAAGAGCA  
 AGGTGTGGAAGTATTTTCGGCTTCGACACCAACGCCGAGGGATGCATCCTGCAGTGAAGAAAATCTACTG  
 CCGCATCTGCATGGCCAGATCGCTACTCCGAAACACCTCCAACCTGTCTACCACCTGGAGAAGAAC  
 CACCCCGAGGAATTCTGCGAGTTCGTAAGAGCAACACGGAGCAGATGCGTGAAGCCTTCGCCACCGCCT  
 TCTCCAAGCTGAAGCCGAGTCTGCCAGCAGCCGGGCAGGATGCGCTGGCCGTCAAGGCCGGCCACGG  
 CTACGACAGCAAGAAGCAGCAGGAGCTGACGGCCCGCTGCTGGGCCTCATCTGCGAGGGGCTGTACCCA  
 GCCTCCATCGTGGACGAGCCACCTTCAAGGTGCTGCTGAAGACGGCCGACCCCGGTATGAGTGCCCA  
 GCCGAAGTACATCTCTACCAAGGCCATCCCTGAGAAGTACGGGGCCGTCCGGGAGGTGATCCTGAAGGA  
 GCTGGCCGAGGCCACCTGGTGTGGCATCTCCACCGACATGTGGAGGAGTGAAGAATCAGAACCAGCCCTAC  
 GTCACGCTGGCCGCCACTTCTGGGCCTGGGCGCCCAACTGCCTGTCCATGGGCTCCCGCTGCCTGA  
 AGACCTTCGAGGTGCCGAAGAGAACACGGCGGAGACCATCACGCGAGTCTCTATGAGGTCTTCATCGA  
 GTGGGGCATCAGCGCCAAGGTCTTCGGGGCCACCACCAATATGGCAAGGACATCGTGAAGGCGTCTCC  
 CTGCTGGACGTCGAGTGACATGCCCTGCCTGGGCCACACCCTCAATGCCGGCATCCAGCAGGCCCTTC  
 AGCTCCGAAGCTGGGGGCGTCTGTGCGCTGCCGAAACTGGTGGAGTACTTCCAGCAGTCTGCCGT  
 GGCCATGTACATGCTCTATGAGAAGCAGAAGCAGCAGAAGCTGGCCACTGCATGCTGGTGAACAACCG  
 GTCTCTGGTGGGGGAGCAGCTGGCCATGCTGCAGCCCTCAAGGAGCAGCAGTTCGTCATCGCCGGGG  
 TCTTGGTGGAGGACAGCAACAACCACCACTCATGCTGGAGGCCAGCAGTGGCCACCATCGAGGGGCT  
 GGTGGAGCTCCTGCAGCCCTTCAAGCAGGTGGCCGAGATGCTGTGCGCCTCCAGGTACCCCAACATCAGC  
 ATGGTGAAGCCGCTGCTGCACATGCTCCTGAACACCACGCTCAACATCAAGGAGACCGACTCCAAGGAGC  
 TCAGCATGGCCAAGGAGTTCATCGCAAGGAGCTTCCAAGACCTACCAGGAGACGCCCGAGATCGACAT  
 GTTTCTCAACGTGGCCACCTTCTGGACCCCGCTACAAGAGGCTGCCCTTCTCTCCGCTTCGAGCGG  
 CAGCAGGTGGAGAATCGCGTGGTGAAGAGGCCAAGGGCCTGCTGGACAAGGTCAAAGACGGCGGTACC  
 GGCCGGCTGAGGACAAGATCTTCCCGGTGCCGAGGAGCCTCCCGTCAAGAAGCTCATGCGGACATCCAC  
 GCCGCCGCCGCCAGCGTCATCAACAACATGCTGGCCGAGATCTTCTGCCAGACAGGCGCGTGGAGGAC  
 CAGGAAGAGTGGCATGCCAGGTGGTGGAGGAGCTGAGCAACTCAAGTCCAGAAGGTGCTTGGCCTCA  
 ACGAAGACCCCTCAAGTGGTGGTCAAGCCGCTGGCCCTTCTCCCTGCTGCCAAGGTGCTGCAGAA  
 GTACTGGTGCCTGACGGCCACGCGCTGCCCTGAGCGTCTTCTCGGATCCGCCGCCAAGTGGTGCAGC  
 GCCAAGAGGAACCGGCTGGCTCCCGCGCAGTGGACGAGCAGGTGTTTCTGTATGAGAACGCCCGGAGTG  
 GGGCAGAGGCGGAACCCGAGGACCAGGACGAGGGGAGTGGGGCTGGACCAGGAGCAGGTGTTCTCCTT  
 GGGGATGGCGTCAGCGGCGTTCCTTTGGCATTAGGGACAGCAGCTTCCTG

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



<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>NM_001171136.1, NP_001164607.1</u>
<b>RefSeq Size:</b>	4528 bp
<b>RefSeq ORF:</b>	2085 bp
<b>Locus ID:</b>	9189
<b>UniProt ID:</b>	<u>O96006</u>
<b>Cytogenetics:</b>	X;Y
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	78.1 kDa
<b>Gene Summary:</b>	This gene is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. It was earlier identified as a gene with similarity to Ac transposable elements, however, was found not to have transposase activity. Later studies show that this gene product is localized in the nucleus and functions as a transcription factor. It binds to DNA elements found in the promoter regions of several genes related to cell proliferation, such as histone H1, hence may have a role in regulating genes related to cell proliferation. Alternatively spliced transcript variants with different 5' untranslated region have been found for this gene. [provided by RefSeq, Jan 2010]

Product images:



Circular map for RC230438