

Product datasheet for **RC230437**

DREF (ZBED1) (NM_001171135) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DREF (ZBED1) (NM_001171135) 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:**

>RC230437 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

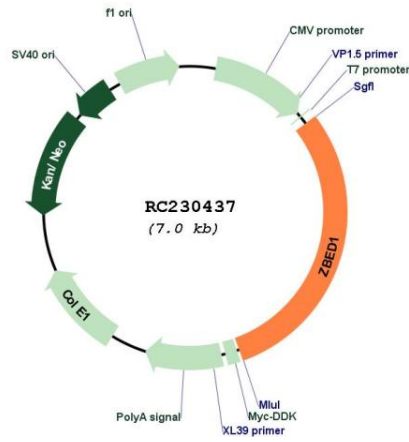
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGAATAAAAGCCTGGAGAGCTCCAGACAGACCTGAAGCTGGTGGCCACCCCGCGCCAAGAGCA
 AGGTGTGGAAGTATTTTCGGCTTCGACACCAACGCCGAGGGATGCATCCTGCAGTGAAGAAAATCTACTG
 CCGCATCTGCATGGCCAGATCGCTACTCCGAAACACCTCCAACCTGTCTACCACCTGGAGAAGAAC
 CACCCCGAGGAATTCTGCGAGTTCGTAAGAGCAACACGGAGCAGATGCGTGAAGCCTTCGCCACCGCCT
 TCTCCAAGCTGAAGCCGAGTCTGCCAGCAGCCCGGCCAGGATGCGCTGGCCGTCAAGGCCGCCACGG
 CTACGACAGCAAGAAGCAGCAGGAGCTGACGGCCCGCTGCTGGGCCTCATCTGCGAGGGGCTGTACCCA
 GCCTCCATCGTGGACGAGCCACCTTCAAGGTGCTGCTGAAGACGGCCGACCCCGGTATGAGTGCCCA
 GCCGAAGTACATCTCTACCAAGGCCATCCCTGAGAAGTACGGGGCCGTCGGGAGGTGATCCTGAAGGA
 GCTGGCCGAGGCCACCTGGTGTGGCATCTCCACCGACATGTGGAGGAGTGAAGAATCAGAACCAGCCCTAC
 GTCACGCTGGCCGCCACTTCTGGGCCTGGGCGCCCAACTGCCTGTCCATGGGCTCCCGCTGCCTGA
 AGACCTTCGAGGTGCCGAAGAGAACACGGCGGAGACCATCACGCGAGTCTCTATGAGGTCTTCATCGA
 GTGGGGCATCAGCGCCAAGGTCTTCGGGGCCACCACCAATATGGCAAGGACATCGTGAAGGCGTCTCC
 CTGCTGGACGTCGAGTGACATGCCCTGCCTGGGCCACACCCTCAATGCCGGCATCCAGCAGGCCCTTC
 AGCTCCGAAGCTGGGGGCGTCTGTGCGCTGCCGAAACTGGTGGAGTACTTCCAGCAGTCTGCCGT
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 GTCTCTGGTGGGGGAGCAGCTGGCCATGCTGCAGCCCTCAAGGAGCAGCAGTTCGTCATCGCCGGGG
 TCTTGGTGGAGGACAGCAACAACCACCCTCATGCTGGAGGCCAGCAGTGGCCACCATCGAGGGGCT
 GGTGGAGCTCCTGCAGCCCTTCAAGCAGGTGGCCGAGATGCTGTGCGCCTCCAGGTACCCCAACATCAGC
 ATGGTGAAGCCGCTGCTGCACATGCTCCTGAACACCACGCTCAACATCAAGGAGACCGACTCCAAGGAGC
 TCAGCATGGCCAAGGAGTTCATCGCAAGGAGCTTCCAAGACCTACCAGGAGACGCCCGAGATCGACAT
 GTTTCTCAACGTGGCCACCTTCTGGACCCCGCTACAAGAGGCTGCCCTTCTCTCCGCTTCGAGCGG
 CAGCAGGTGGAGAATCGCGTGGTGAAGAGGCCAAGGGCCTGCTGGACAAGTCAAAGACGGCGGTACC
 GGCCGGCTGAGGACAAGATCTTCCCGTGGCCGAGGAGCCTCCCGTCAAGAAGCTCATGCGGACATCCAC
 GCCGCCGCCGCCAGCGTCATCAACAACATGCTGGCCGAGATCTTCTGCCAGACAGGCGCGTGGAGGAC
 CAGGAAGAGTGGCATGCCAGGTGGTGGAGGAGCTGAGCAACTCAAGTCCAGAAGGTGCTTGGCCTCA
 ACGAAGACCCCTCAAGTGGTGGTCAAGCCGCTGGCCCTTCTCCCTGCTGCCAAGGTGCTGCAGAA
 GTACTGGTGCCTGACGGCCACGCGCTGCCCTGAGCGTCTTCTCGGATCCGCCGCAACGTGGTGCAGC
 GCCAAGAGGAACCGGCTGGCTCCCGCGCAGTGGACGAGCAGGTGTTTCTGTATGAGAACGCCCGGAGTG
 GGGCAGAGGCGGAACCCGAGGACCAGGACGAGGGGAGTGGGGCTGGACCAGGAGCAGGTGTTCTCCTT
 GGGGATGGCGTCAGCGGCGTTCCTTTGGCATTAGGGACAGCAGCTTCCTG

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_001171135.1, NP_001164606.1</u>
RefSeq Size:	4606 bp
RefSeq ORF:	2085 bp
Locus ID:	9189
UniProt ID:	<u>O96006</u>
Cytogenetics:	X;Y
Protein Families:	Druggable Genome
MW:	78.1 kDa
Gene Summary:	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 RC230437