

Product datasheet for **SC329075**

DREF (ZBED1) (NM_001171135) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DREF (ZBED1) (NM_001171135) Human Untagged Clone
Tag:	Tag Free
Symbol:	DREF
Synonyms:	ALTE; DREF; hDREF; TRAMP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001171135, the custom clone sequence may differ by one or more nucleotides

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ATGGAGAATAAAAGCCTGGAGAGCTCCCAGACAGACCTGAAGCTGGTGGCCACCCCGC
GCCAAGAGCAAGGTGTGGAAGTATTTCCGGCTTCGACACCAACGCCGAGGGATGCATCCTG
CAGTGGAAAGAAAATCTACTGCCGCATCTGCATGGCCCAGATCGCCTACTCCGAAACACC
TCCAACCTGTCTACCACCTGGAGAAGAACCACCCGAGGAATTCTGCGAGTTCGTCAAG
AGCAACACGGAGCAGATGCGTGAAGCCTTCGCCACCGCCTTCTCCAAGCTGAAGCCCGAG
TCGTCCCAGCAGCCCGGACAGGACGCGCTGGCCGTCAAGCCGGCCACGGCTACGACAGC
AAGAAGCAGCAGGAGCTGACGGCCGCCGTGCTGGGCTCATCTGCGAGGGGCTGTACCCA
GCCTCCATCGTGGACGAGCCACCTTCAAGGTGCTGCTGAAGACGGCCGACCCCGGTAT
GAGCTGCCAGCCGGAAGTACATCTCTACCAAGGCCATCCCTGAGAAGTACGGGGCCGTC
CGGGAGGTGATCCTGAAGGAGCTGGCCGAGGCCACCTGGTGTGGCATCTCCACCGACATG
TGGAGGAGTGAGAATCAGAACCAGCGCTACGTACGCTGGCCGCCACTTCTGGGCCTG
GGCGCCCAACTGCCTGTCCATGGGCTCCCGTGCCTGAAGACCTTCGAGGTGCCCGAA
GAGAACACGGCGGAGACCATCACGCGAGTCTCTATGAGGTCTTCATCGAGTGGGGCATC
AGCGCCAAGGTCTTCGGGGCCACCACCAACTATGGCAAGGACATCGTGAAGGCGTCTCC
CTGCTGGACGTCGCAAGTGCACATGCCCTGCCTGGGCCACACCTTCAATGCCGGCATCCAG
CAGGCCTTCCAGCTCCCGAAGCTGGGGGCGCTGCTGTCCGCTGCCGAAACTGGTGGAG
TACTTCCAGCAGTCTGCCGTGGCCATGTACATGCTCTATGAGAAGCAGAAGCAGCAGAAC
GTGGCCCACTGCATGCTGGTGAAGCAACCGCTCTCTGGTGGGGGAGCACGCTGGCCATG
CTGCAGCGCTCAAGGAGCAGCAGTTCGTATCGCCGGGTCTTGGTGGAGGACAGCAAC
AACCACCACCTCATGCTGGAGGCCAGCGAGTGGCCACCATCGAGGGGCTGGTGGAGCTC
CTGCAGCCCTTCAAGCAGGTGGCCGAGATGCTGTCCGCTCCAGGTACCCACCATCAGC
ATGGTGAAGCCGCTGCTGCACATGCTCCTGAACACCAGCTCAACATCAAGGAGACCGAC
TCCAAGGAGCTCAGCATGGCCAAGGAGGTATCGCCAAGGAGCTTCCAAGACCTACCAG
GAGACGCCGAGATCGACATGTTTCTAACGTGGCCACCTTCTGGACCCCGCTACAAG
AGGCTGCCCTTCTCTCCGCTTCGAGCGGCAGCAGGTGGAGAATCGCGTGGTGGAAAG
GCCAAGGGCTGCTGGACAAGGTCAAAGACGGCGGCTACCGCCGGCTGAGGACAAGATC
TTCCCGGTGCCGAGGAGCTCCCGTCAAGAAGCTCATGCGGACATCCACGCCCGCC
GCCAGCGTCATCAACAACATGCTGGCCGAGATCTTCTGCCAGACAGCGCGCTGGAGGAC
CAGGAAGAGTGGCATGCCAGGTGGTGGAGGAGCTGAGCAACTTCAAGTCCAGAAGGTG
CTTGGCCTCAACGAAGACCCCTCAAGTGGTGGTCAAGCCGCTGCCCTTCCCCCTG
CTGCCAAGGTGCTGCAGAAGTACTGGTGCCTGACGGCCACGCGCTCGCCCTGAGCGT
CTTTCCGATCCGCCCAACGTGGTCAAGGCAAGAGGAACCGGCTGGCTCCCGCGCAC
GTGGACGAGCAGGTGTTTCTGTATGAGAACGCCCGGAGTGGGGCAGAGGCCGGAACCCGAG
GACCAGGACGAGGGGAGTGGGGCTGGACCAGGAGCAGGTGTTCTCTTGGGGGATGGC
GTCAGCGCGGTTTCTTGGCATTAGGGACAGCAGCTTCTGTAG

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Restriction Sites: Please inquire

ACCN: NM_001171135

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) contains an alternate 5' terminal exon compared to variant 1. Variants 1-3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>