

Product datasheet for **RC230438L4V**

DREF (ZBED1) (NM_001171136) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DREF (ZBED1) (NM_001171136) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DREF
Synonyms:	ALTE; DREF; hDREF; TRAMP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001171136
ORF Size:	2082 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230438).
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.
RefSeq:	NM_001171136.1 , NP_001164607.1
RefSeq Size:	4528 bp
RefSeq ORF:	2085 bp
Locus ID:	9189
UniProt ID:	O96006
Cytogenetics:	X;Y
Protein Families:	Druggable Genome
MW:	78.1 kDa



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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]