

Product datasheet for **SC336425**

Deformed Epidermal Autoregulatory Factor 1 (DEAF1) (NM_001293634) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Deformed Epidermal Autoregulatory Factor 1 (DEAF1) (NM_001293634) Human Untagged Clone
Tag:	Tag Free
Symbol:	DEAF1
Synonyms:	MRD24; NEDHEL5; NUDR; SPN; VSVS; ZMYND5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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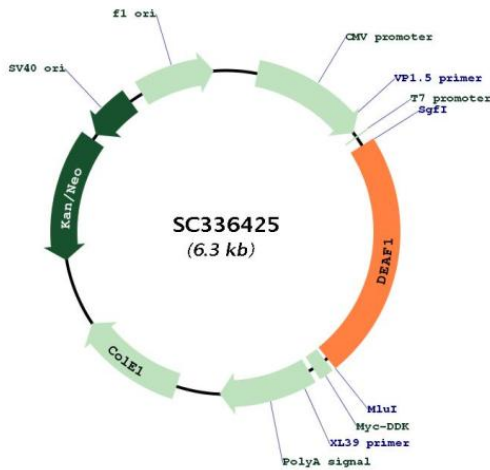
Fully Sequenced ORF: >SC336425 representing NM_001293634.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
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GACTCGGAGGAGGACGCAGACTCGGAGGCGGAGCGGGAGACGCCGCGGGTACGGCAGTGGCGGTGATG
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001293634

Insert Size:	1473 bp
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).
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_001293634.1</u>
RefSeq Size:	2523 bp
RefSeq ORF:	1473 bp
Locus ID:	10522
UniProt ID:	<u>O75398</u>
Cytogenetics:	11p15.5
Protein Families:	Secreted Protein, Transcription Factors, Transmembrane
MW:	51.3 kDa
Gene Summary:	<p>This gene encodes a zinc finger domain-containing protein that functions as a regulator of transcription. The encoded proteins binds to its own promoter as well as to that of several target genes. Activity of this protein is important in the regulation of embryonic development. Mutations in this gene have been found in individuals with autosomal dominant cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]</p> <p>Transcript Variant: This variant (2, also known as DF1-VAR) lacks two internal coding exons and contains an alternate coding exon, compared to variant 1. The encoded isoform (b) is shorter than isoform a.</p>