

Datasheet for ABIN4930718

Human DCAF8L1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	DCAF8L1
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human DCAF8L1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1803 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTCCCACC AAGAGGGCAG CACAGGTGGC TTACCAGACT TAGTGACTGA AAGCCTGTTC AGCAGCCCAG AGGAGCAGTC TGGAGTAGCA GCGGTGACGG CGGCCTCCTC AGACATTGAA ATGGCAGCCA CAGAGCCATC GACCGGAGAT GGTGGTGATA CCAGGGATGG TGGTTTCCTG AACGATGCCA GCACAGAAAA TCAAAACACA GACTCAGAAA GTTCAAGTGA AGACGTGCGAA

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CTTGAAAGCA TGGGTGAAGG TTTATTTGGT TACCCGTTAG TGGGAGAGGA GACAGAAAGG
GAGGAGGAAG AAGAAGAGAT GGAGGAGGAA GGGGAGGAGG AAGAACAGCC TCGGATGTGT
CCACGATGCG GTGGCACCAA CCATGATCAG TGTTTGTAG ACGAGGATCA GCGGTTGGAG
GAGTGGATTT CCTCAGAGAC ATCTGCCCTG CCCCAGATCTC GCTGGCAAGT CCTTACTGCT
CTTCGCCAGC GGCAGCTGGG TTCAAGTGCC CGCTTTGTAT ATGAGGCCTG TGGGGCAAGA
ACCTTTGTGC AGCGTTTCCG CCTGCAGTAT CTCTTGGAA GCCATGCCGG TTCTGTCACT
ACCATACACT TTAACCAGCG TGGCACCCGA CTGGCCAGTA GCGGTGATGA CTTAAGGGTG
ATAGTGTGGG ACTGGGTGCG GCAGAAGCCA GACTGAACT TTGAGAGTGG TCACGATATT
AATGTCATCC AGGCTAAGTT CTTTCCTAAC TGTGGTGATT CCACTCTGGC CATGTGTGGC
CATGATGGAC AGGTACGGGT AGCAGAACTA ATTAATGCAT CATATTGCGA GAATACTAAG
CGTGTGGCCA AGCACAGGGG ACCTGCCAC GAGTTGGCTC TGGAGCCAGA CTCTCCTTAT
AAGTTCCTCA CTTCAGGTGA AGATGCCGTT GTGTTACCA TTGACCTCAG GCAAGACCGG
CCAGCTTCAA AAGTTGTGGT AACAAGAGAA AATGATAAGA AAGTCGGACT GTATACAATC
TCTATGAATC CTGCCAATAT TTACCAATTT GCAGTGGGTG GACATGATCA GTTTGTAAGG
ATTTATGACC AGAGGAGAAT TGATAAGAAA GAAAACAATG GAGTACTCAA GAAATTCCT
CCTCATCATC TGGTTTATTG TGATTTCCCA ACAAACATCA CCTGCGTTGT GTACAGCCAC
GATGGCACAG AGCTCCTGGC CAGCTACAAT GATGAAGATA TTTACCTCTT CAACTCCTCT
CTCAGTGATG GTGCTCAATA TGTTAAGAGA TATAAGGGGC ACAGAAATAA TGACACAATC
AAATGTGTTA ATTTCTATGG CCCCCGAGT GAGTTTGTGCG TGAGCGGTAG TGATTGTGGG
CACGTCTTCT TCTGGGAGAA ATCATCCTCC CAGATCATCC AGTTCATGGA GGGGGACAGA
GGAGATATAG TAACTGTCT TGAACCCAC CTTACCTAC CTGTGTTGGC GACCAGTGGC
CTAGATCAGC ATGTCAGGAT CTGGACACCC ACAGCTAAAA CTGCCACTGA GCTTACTGGG
TTAAAAGATG TGATTAAGAA GAACAAGCAG GAGCGAGATG AAGACAACCTT GAACTATACG
GACTCGTTTG ACAACCGCAT GCTTCGGTTC TTCGTGCGTC ACCTGTTACA GAGAGCTCAT
CAACCCGGCT GGAGAGATCA TGGAGCTGAG TTCCAGATG AAGAAGAGTT GGATGAGTCT
TCCAGCACCT CAGATACATC CGAGGAGGAG GGCCAAGATC GAGTGCAGTG CATAACATCC
TGA

Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

Characteristics: Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.

Sequencing Primer:

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Product Details

Grade:	End-sequenced
Components:	The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene:	DCAF8L1
Alternative Name:	DCAF8L1
Background:	<p>This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by Gly-His and Trp-Asp (GH-WD), which may facilitate the formation of heterotrimeric or multi-protein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene appears to represent an intronless retrocopy of a related multi-exon gene located on chromosome 1. However, the CDS of this intronless gene remains intact, it is conserved in other primate species, it is known to be transcribed, and it is therefore thought to encode a functional protein. [provided by RefSeq, May 2010].</p>
Gene ID:	139425
NCBI Accession:	NM_001017930

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	<ul style="list-style-type: none">• Keep the vial sealed and store at -20°C for long-term storage.• Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.• Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.• If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.• Close the lid and vortex the vial for 1 minute.• Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.
Expiry Date:	12 months

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Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)