

Product datasheet for **SC309282**

DCAF12L1 (NM_178470) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DCAF12L1 (NM_178470) Human Untagged Clone
Tag:	Tag Free
Symbol:	DCAF12L1
Synonyms:	KIAA1892L; WDR40B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC309282 representing NM_178470.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCCCAGCAGCAACAGGTAGCAGGAAACGGAAGCGCCCGGTCGAGGCGGACGCCGAGAGCTCG
CCGTCGCAGGGCTTGGCGGCAGCGGACGGTGAGGGCCGCTGCTACTCAAGAGGCAGAGGCGCCGGCG
ACGTATCGCTCGATGGCGCACTATCTGAAGTTTCGGGAGGTAGGCGGGTGGGGCCCCGCCAGGCTCCAG
GGCTTCGATGGCGAGCTGCGGGGCTACGCGGTACAGAGGCTGCCGAGCTGCTGACGGAGCGCAACTG
GAGCTGGGCACGGTCAACAAGGTGTTTCGCGTCACAGTGGCTGAATCCAGGCAGGTGGTGTGCGGCACC
AAGTGTAACACGCTTTTCGTGGTGGACGTGGAGTCAGGCCACATCGCGCGCATTCCCCTCTTGGGGAC
AGTGAGGCCAGGCTGGCCAGGACCAACAGGGCTGCGGCATCCATGCCATCGAGCTGAATCCCTCCAAG
ACGCTTCTGGCCACGGCGGCGAAAACCCCAACAGCCTGGCCATCTACCAGCTGCCCTCCCTGGATCCC
CTGTGCCTGGCGACCGCATGGCCACAAGGACTGGATCTTCGCCGTCGCTGGCTGAGTGACACCGTA
GCCGTGAGCGGCTCCCGCAGCGCACTGTGGCGCTGTGGCGGATGGACCCGACAAGTTCGATGACACT
GTTGCCTGGCATAGCGAGGTGGGTCTCCCGTATATGCCACATCCGTCCGAGGGATGTGGAGGCCATC
CCCAGGGCCATCATCAACCCAGTAACCGCAAGGTGCGGGCCCTGGCCTGCGGCGGCAAGAACCAGGAA
CTGGGAGCGGTGTCTTGACGGCTACTTCCACCTGTGGAAGCCGGGAGCGCACTATCCAGGCTGCTG
TCCATCAGGCTGCCCTACTTCCGGGATAATGTGTGCCTGACCTACTGTGATGATATGTCTGTGTACGCC
GTGGGCTCCCATTCCACGTCTCTTCTGGATCTGCGCCAGGACCAGCAGAATCCGGCCCCTGTGT
TCTCGAGAGGGTGGCACAGGCGTGCGGTGCTGAGCTTCTACGCCACATCATCTGTGGGCACCGGT
CAGGGCTCCCTGCTCTTCTATGACGTCCGGGCCAGAAATTCCTGGAGGAAAGAGCCTCCGCCACCCTG
GAGTCTCTTTCGGGACCTGCAAGGAGGAAGCTCAGGCTTGCTGTGGCAGAGGCTGGCTCAACCAAT
GATTTCTGGGTGAATTACTTTGGTGCCATGGAAGTGTTTCCCAATGCGCTCTACACCCACTGCTACAAC
TGGCCTGAGATGAAGCTCTTTGTGGCTGGGGGGCCTCTCCTGCAGGCCTCCATGGGAATATGCAGGC
CTCTGGAGCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_178470

Insert Size: 1392 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).

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:

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: [NM_178470.4](#)

RefSeq Size: 3403 bp

RefSeq ORF: 1392 bp

Locus ID: 139170

UniProt ID: [Q5VU92](#)

Cytogenetics: Xq25

MW: 51.2 kDa

Gene Summary: 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-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. [provided by RefSeq, Jul 2008]