

DCAF7 cDNA

Catalog Number: ATGD0100

PRODUCT INFORMATION

Catalog number

ATGD0100

Product type

cDNA

Species

Human

NCBI Accession No.

NP_005819.3

Alternative Names

AN11, HAN11, SWAN-1, WDR68

mRNA Refseq

NM_005828.4

OMIM

605973

Chromosome location

17q23.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1029bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted Nde I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

DCAF7 cDNA

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DCAF7, also known as DDB1-and CuL4-associated factor, involved in craniofacial development. This protein acts upstream of the EDN1 pathway and is required for formation of the upper jaw equivalent, the palatoquadrate. The activity required for EDN1 pathway function differs between the first and second arches. This protein associates with DIAPH1 and controls GLI1 transcriptional activity. This protein could be involved in normal and disease skin development.

DATA

Sequence nucleotides

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ATGTCCCTGC ACGGCAAACG GAAGGAGATC TACAAGTATG AAGCGCCCTG GACAGTCTAC GCGATGAACT
GGAGTGTGCG GCCCGATAAG CGCTTTCGCT TGGCGCTGGG CAGCTTCGTG GAGGAGTACA ACAACAAGGT
TCAGCTTGTT GGTTTAGATG AGGAGAGTTC AGAGTTTATT TGCAGAAACA CCTTTGACCA CCCATACCCC
ACCACAAAGC TCATGTGGAT CCCTGACACA AAAGGCGTCT ATCCAGACCT ACTGGCAACA AGCGGTGACT
ATCTCCGTGT GTGGAGGGTT GGTGAAACAG AGACCAGGCT GGAGTGTTTG CTAACAATA ATAAGAACTC
TGATTTCTGT GCTCCCCTGA CCTCCTTGA CTGGAATGAG GTGGATCCTT ATCTTTTAGG TACCTCAAGC
ATTGATACGA CATGCACCAT CTGGGGGCTG GAGACAGGGC AGGTGTTAGG GCGAGTGAAT CTCGTGTCTG
GCCACGTGAA GACCCAGCTG ATCGCCCATG ACAAAGAGGT CTATGATATT GCATTTAGCC GGGCCGGGGG
TGGCAGGGAC ATGTTTGCCT CTGTGGGTGC TGATGGCTCG GTGCGGATGT TTGACCTCCG CCATCTAGAA
CACAGACCA TCATTTACGA AGACCCACAG CATCACCCAC TGCTTCGCCT CTGCTGGAAC AAGCAGGACC
CTAACTACCT GGCCACCATG GCCATGGATG GAATGGAGGT GGTGATTCTA GATGTCCGGG TTCCTGCAC
ACCTGTCGCC AGGTAAACA ACCATCGAGC ATGTGTCAAT GGCATTGCTT GGGCCCCACA TTCATCCTGC
CACATCTGCA CTGCAGCGGA TGACCACCAG GCTCTCATCT GGGACATCCA GCAAATGCC CGAGCCATTG
AGGACCCTAT CCTGGCCTAC ACAGCTGAAG GAGAGATCAA CAATGTGCAG TGGGCATCAA CTCAGCCCGA
CTGGATCGCC ATCTGCTACA ACAACTGCCT GGAGATACTC AGAGTGTAG
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Transaction Sequence

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MSLHGKRKEI YKYEAPWTVY AMNWSVRPDK RFRLALGSFV EYNNKVQLV GLDEESSEFI CRNTFDHPYP TTKLMWIPDT
KGVYPDLLAT SGDYLVRVVRV GETETRLECL LNNKNSDFC APLTSFDWNE VDPYLLGTSS IDTTCTIWGL ETGQVLGRVN
LVSGHVKTQL IAHDKEYVDI AFSRAGGGRD MFASVGADGS VRMFDLRHLE HSTIYEDPQ HHPLLRLCWN KQDPNYLATM
AMDGMEVVIL DVRVPCTPVA RLNNHRACVN GIAWAPHSSC HICTAADDHQ ALIWDIQQMP RAIEDPILAY TAEGEINNVO
WASTQPDWIA ICYNNCLEIL RV
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