## 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 7000 rpm for 1 minute.
2. Carefully open the vial and add 100 ul of sterile water to dissolve the DNA.

Each tube contains approximately 10 ug 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 GLII transcriptional activity. This protein could be involved in normal and disease skin development.

DATA

## Sequence nucleotides

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 CTAAACAATA ATAAGAACTC TGATTTCTGT GCTCCCCTGA CCTCCTTTGA CTGGAATGAG GTGGATCCTT ATCTTTAGG TACCTCAAGC ATTGATACGA CATGCACCAT CTGGGGGCTG GAGACAGGGC AGGTGTTAGG GCGAGTGAAT CTCGTGTCTG GCCACGTGAA GACCCAGCTG ATCGCCCATG ACAAAGAGGT CTATGATATT GCATTTAGCC GGGCCGGGGG TGGCAGGGAC ATGTTTGCCT CTGTGGGTGC TGATGGCTCG GTGCGGATGT TTGACCTCCG CCATCTAGAA CACAGCACCA TCATTTACGA AGACCCACAG CATCACCCAC TGCTTCGCCT CTGCTGGAAC AAGCAGGACC CTAACTACCT GGCCACCATG GCCATGGATG GAATGGAGGT GGTGATTCTA GATGTCCGGG TTCCCTGCAC ACCTGTCGCC AGGTTAAACA ACCATCGAGC ATGTGTCAAT GGCATTGCTT GGGCCCCACA TTCATCCTGC CACATCTGCA CTGCAGCGGA TGACCACCAG GCTCTCATCT GGGACATCCA GCAAATGCCC CGAGCCATTG AGGACCCTAT ССTGGCCTAC ACAGCTGAAG GAGAGATCAA CAATGTGCAG TGGGCATCAA CTCAGCCCGA CTGGATCGCC ATCTGCTACA ACAACTGCCT GGAGATACTC AGAGTGTAG

## Transaction Sequence

MSLHGKRKEI YKYEAPWTVY AMNWSVRPDK RFRLALGSFV EEYNNKVQLV GLDEESSEFI CRNTFDHPYP TTKLMWIPDT KGVYPDLLAT SGDYLRVWRV GETETRLECL LNNNKNSDFC APLTSFDWNE VDPYLLGTSS IDTTCTIWGL ETGQVLGRVN LVSGHVKTQL IAHDKEVYDI AFSRAGGGRD MFASVGADGS VRMFDLRHLE HSTIIYEDPQ HHPLLRLCWN KQDPNYLATM AMDGMEVVIL DVRVPCTPVA RLNNHRACVN GIAWAPHSSC HICTAADDHQ ALIWDIQQMP RAIEDPILAY TAEGEINNVQ WASTQPDWIA ICYNNCLEIL RV

