## PRODUCT INFORMATION

## Expression system

E.coli

## Domain

19-295aa
UniProt No.
P61962
NCBI Accession No.
NP_005819

## Alternative Names

DDB1-and CuL4-associated factor 7, AN11, HAN11, SWAN-1, WDR68

## PRODUCT SPECIFICATION

## Molecular Weight

33.6 kDa (298aa)

## Concentration

1mg/ml (determined by Bradford assay)

## Formulation

Liquid in. 20 mM Tris-HCl buffer ( pH 8.0 ) containing 0.4 M urea, 1 mM DTT

## Purity

> 90\% by SDS-PAGE

## Tag

His-Tag

## Application

SDS-PAGE,Denatured

## Storage Condition

Can be stored at +2 C to +8 C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

## Description

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. Recombinant human DCAF7 protein, fused to His-tag at N-terminus, was expressed in E. coli and denatured using detergent during conventional chromatography purification process.

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## Recombinant human DCAF7 protein

Catalog Number: ATGP1177

## Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MVYAMNWSVR PDKRFRLALG SFVEEYNNKV QLVGLDEESS EFICRNTFDH PYPTTKLMWI PDTKGVYPDL LATSGDYLRV WRVGETETRL ECLLNNNKNS DFCAPLTSFD WNEVDPYLLG TSSIDTTCTI WGLETGQVLG RVNLVSGHVK TQLIAHDKEV YDIAFSRAGG GRDMFASVGA DGSVRMFDLR HLEHSTIIYE DPQHHPLLRL CWNKQDPNYL ATMAMDGMEV VILDVRVPCT PVARLNNHRA CVNGIAWAPH SSCHICTAAD DHQALIWD

## General References

Morita K., et al. (2006) J. Dermatol. Sci. 44:11-20
Jin J., et al. (2006) Mol. Cell. 23:709-721

DATA

SDS-PAGE


3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
13.5
$15 \%$ SDS-PAGE (3ug)

