

Recombinant Human DCAF7, His-tagged

Cat. No. DCAF7-3624H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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 (19-295aa).
Species	Human
Source	Human
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 GLI1 transcriptional activity. This protein could be involved in normal and disease skin development.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 0.4M urea, 1mM DTT
Molecular Weight	33.6 kDa (298aa)
Purity	> 90% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MVYAMNWSVR PDKRFRLALG SFVEEYNNKV QLVGLDEESS EFICRNTFDH PYPTTKLMWI PDTKGVYPDL LATSGDYLRV

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WRVGETETRL ECLNNNKNS DFCAPLTSFD WNEVDPYLLG TSSIDTTCTI
 WGLETGQVLG RVNLVSGHVK TQLIAHDKEV YDIAFSRAGG GRDMFASVGA
 DGSVRMFDLR HLEHSTIYE DPQHHPLLRL CWNKQDPNYL ATMAMDGMEV
 VILDVRVPCT PVARLNNHRA CVNGIAWAPH SSCHICTAAD DHQALIWD

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

DCAF7 DDB1 and CUL4 associated factor 7 [Homo sapiens]

Official Symbol

DCAF7

Synonyms

DCAF7; AN11; HAN11; WDR68; SWAN-1; DDB1- and CUL4-associated factor 7; WD-repeat protein; WD repeat domain 68; WD repeat-containing protein 68; seven-WD-repeat protein of the AN11 family-1; WD repeat-containing protein An11 homolog

Gene ID

10238

mRNA Refseq

NM_005828

Protein Refseq

NP_005819

MIM

605973

UniProt ID

P61962

**Chromosome
Location**

17q23.3

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Function

protein binding

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