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DCAF7 Human

DDB1 and CUL4 Associated Factor 7 Human Recombinant
RCP0617

Product Overview

Name	DCAF7 Human

Description

DDB1 and CUL4 Associated Factor 7 Human Recombinant

Accession (Primary)	P61962

Synonyms

DDB1- and CUL4-associated factor 7, WD repeat-containing protein 68, WD repeat-containing protein An11 homolog, DCAF7, HAN11, WDR68, AN11, SWAN-1.

Introduction

DDB1-and CUL4-associated factor (DCAF7) is involved in craniofacial development. The DCAF7 protein acts upstream of the EDN1 pathway and is essential for formation of the upper jaw equivalent, the palatoquadrate. The activity necessary for the EDN1 pathway function varies between the first and second arches. DCAF7 associates with DIAPH1 and controls GLI1 transcriptional activity. DCAF7 may be involved in normal and diseased skin development.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

DCAF7 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.4M urea and 1mM DTT.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH M VYAMNWSVR 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.

Precautions

DCAF7 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P61962)