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DCAF7 Human

Catalog #:PRPS-916

For research use only.

Description:DCAF7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 298 amino acids (19-295 a.a) and having a molecular mass of 33.6kDa.DCAF7 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

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 CW

Purity: Greater than 90.0% as determined by SDS-PAGE.

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.

Usage:
NeoBiolab's products are furnished forLABORATORY RESEARCHUSEONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

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.

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