
Product Data Sheet

Product Name: DCUN1D1 Human

Cat. No.: GP23306

Batch No.: 1

Product Data

| | | | |
|---------------------|---|--------------------|-------------------------|
| Purity | >98% | Source | Escherichia Coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | DCN1; defective in cullin neddylation 1-domain containing 1 (<i>S. cerevisiae</i>); RP42; DCUN1L1; SCCRO; SCRO; Tes3; Defective in cullin neddylation protein 1-like protein 1; Squamous cell carcinoma-related oncogene; DCUN1 domain-containing protein 1; DCN1-like protein 1; RP42 homolog. | | |
| Amino Acid Sequence | MGSSHHHHHH SGLVPRGSH MNKLKSSQKD KVRQFMIFTQ SSEKTAVSCL SQNDWKL DVA TDNFFQNP EL YIRESVKGSL DRKKLEQLYN RYKDPQDENK IGIDGIQQFC DDLALDPASI SVLIIAWKFR AATQCEFSKQ EFMDGMTELG CDSIEKLKAQ IPKMEQELKE PGRFKDFYQF TFNFAKNPGQ KGLDLEMAIA YWNLVLNGRF KFLDLWNKFL LEHHKRSIPK DTWNLLLD FS TMIADDMSNY DEEGAWP VLI DDFVEFARPQ IAGTKSTTV | | |
| Formulation | The DCUN1D1 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 0.1M NaCl and 10% glycerol. | | |

Introduction

DCUN1D1 takes part in the malignant transformation of squamous cell lineage. DCUN1D1 protein regulates Gli1, a main regulator of the hedgehog (HH) pathway which takes a vital role in development, maintenance, and regeneration of practically all adult tissues.

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. Please avoid freeze thaw cycles.

Background

DCUN1D1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing

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279 amino acids (1-259a.a.) and having a molecular mass of 32.2kDa. DCUN1D1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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