

# Recombinant human DCUN1D1 protein

Catalog Number: ATGP0884

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-259aa

### UniProt No.

Q96GG9

### NCBI Accession No.

NP\_065691

### Alternative Names

DCN1-like protein 1, DCuN1L1, RP42, SCCRO, SCRO, Tes3

## PRODUCT SPECIFICATION

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### Molecular Weight

32.2 kDa (279aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

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

## BACKGROUND

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### Description

DCuN1D1, also known as DCN1-like protein 1, is involved in the malignant transformation of squamous cell lineage. This protein regulates Gli1, a key regulator of the hedgehog (HH) pathway that plays an important role in development, maintenance, and regeneration of almost all adult tissues. Recombinant human DCuN1D1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

## Recombinant human DCUN1D1 protein

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### Amino acid Sequence

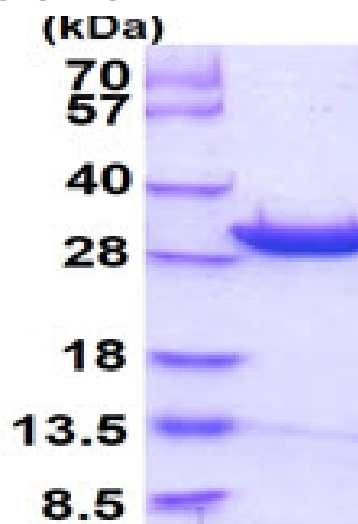
MGSSHHHHHH SSGLVPRGSH MNKLKSSQKD KVRQFMIFTQ SSEKTAVSCL SQNDWKLDVA TDNFFQNPPEL YIRESVKGSL  
DRKKLEQLYN RYKDPQDENK IGIDGIQQFC DDLALDPASI SVLIIAWKFR AATQCEFSKQ EFMDGMTELG CDSIEKLKAQ  
IPKMEQELKE PGRFKDFYQF TFNFAKNPGQ KGLDLEMAIA YWNLVLNGRF KFLDLWNKFL LEHHKRSIPK DTWNLLDIFS  
TMIADDMSNY DEEGAWPVL I DDFVEFARPQ IAGTKSTTV

### General References

Estilo C.L., et al. (2003). Clin. Cancer Res, 9: 2300-2306.  
Lum L., et al. (2004). Science., 304: 1755-1759.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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15% SDS-PAGE (3ug)