

Recombinant human TUSC2 protein

Catalog Number: ATGP2296

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-110aa

UniProt No.

O75896

NCBI Accession No.

NP_009206.1

Alternative Names

Tumor suppressor candidate 2, Tumor suppressor candidate 2, C3orf11, FuS1, PAP, PDAP2

PRODUCT SPECIFICATION

Molecular Weight

14.5 kDa (133aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

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

Description

TuSC2 belongs to the TuSC2 family. This protein may function as a tumor suppressor, inhibiting colony formation, causing G1 arrest and ultimately inducing apoptosis in homozygous 3p21. 3 120-kb region-deficient cells. Recombinant human TuSC2 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MGASGSK ARGLWPFASA AGGGGSEAAG AEQALVRPRG RAVPPFVFTR
RGSMFYDEDG DLAHEFYEET IVTKNGQKRA KLRRVHKNLI PQGIVKLDHP RIHVDFPVIL YEV

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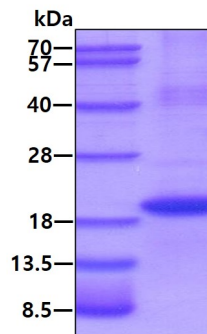
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General References

Mayya V., et al. (2009) *Sci. Signal.* 2:RA46-RA46.

DATA

SDS-PAGE



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