# Recombinant human TRAPPC2 protein

Catalog Number: ATGP1795

## PRODUCT INFORMATION

**Expression system**
E.coli

**Domain**
1-140aa

**UniProt No.**
P0DI81

**NCBI Accession No.**
NP_055378

**Alternative Names**
ZNF547L, TRS20, TRAPPC2P1, Trafficking protein particle complex subunit 2, Spondyloepiphyseal dysplasia late, SEDT, Sedlin, SEDL, MIP2A, hYP38334

## PRODUCT SPECIFICATION

**Molecular Weight**
18.8 kDa (163aa) confirmed by MALDI-TOF

**Concentration**
0.25mg/ml (determined by Bradford assay)

**Formulation**
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 1mM DTT

**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

**Description**
TRAPPC2 is thought to be part of a large multi-subunit complex involved in the targeting and fusion of endoplasmic reticulum-to-Golgi transport vesicles with their acceptor compartment. In addition, this protein can bind c-myc promoter-binding protein 1 and block its transcriptional repression capability. Mutations in TRAPPC2 are a cause of spondyloepiphyseal dysplasia tarda (SEDT). Recombinant human TRAPPC2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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### Amino acid Sequence

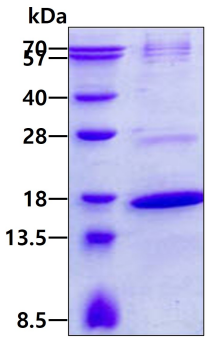
<MGSSHHHHHH SSGLVPRGSH MGS>MSGSFYF VIVGHHDNPV FEMEFLPAGK AESKDDHRHL NQFIAHAALD LVDENMWLSN NMYLKTVDKF NEWFVSAFVT AGHMRFIMLH DIRQEDGIKN FFTDVYDLYI KFSMNPFYEP NSPIRSSAFD RKVQFLGKKH LLS

### General References

Gecz J, Shaw MA, et al. (2003). Gene. 27 320:137-44.

## DATA

### SDS-PAGE




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