

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

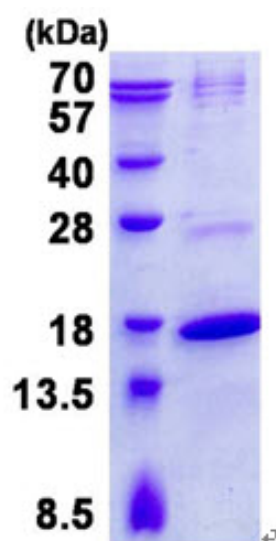
MGSSHHHHHH SGLVPRGSH MGSMGSFYF VIVGHHDNPV FEMEFLPAGK AESKDDHRHL NQFIAHAALD
LVDENMWLSN NMYLKTVDKF NEWFVSAFVT AGHMRFIMLH DIRQEDGIKN FTDVYDLYI KFSMNPFLYEP NSPIRSSAFD
RKVQFLGKKH LLS

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.

15% SDS-PAGE (3ug)