

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

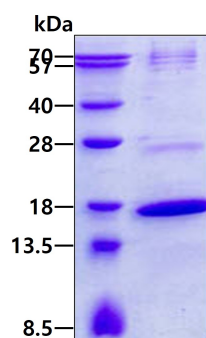
<MGSSHHHHHH SSGLVPRGSH MGS>MSGSFYF VIVGHHNPV FEMEFLPAGK AESKDDHRHL NQFIAHAALD
LVDENMWLSN NMYLKTVDKF NEWFVSAFVT AGHMRFIMLH DIRQEDGIKN FFDVYDLYI KFSMNPFYEP NSPIRSSAFD
RKVQFLGKKH LLS

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.