

Recombinant Human trafficking protein particle complex 2, His-tagged

Cat. No. TRAPPC2-356H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TRAPPC2, 1-140aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-140 a.a.
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 (SED). Recombinant human TRAPPC2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 1mM DTT
Molecular Mass	18.8 kDa (163aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGSGFYF VIVGHHDNPV FEMEFLPAGK AESKDDHRHL NQFIAHAALD LVDENMWLSN NMYLKTVDKF NEWFVSAFVT AGHMRFILMH DIRQEDGIKN FFTDVYDLYI KFSMNPFYEP NSPIRSSAFD

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	RKVQFLGKKH LLS
Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	TRAPPC2 trafficking protein particle complex 2 [Homo sapiens]
Official Symbol	TRAPPC2
Synonyms	TRAPPC2; trafficking protein particle complex 2; SEDL, spondyloepiphyseal dysplasia, late; trafficking protein particle complex subunit 2; hYP38334; MIP 2A; SEDT; TRS20; ZNF547L; sedlin; SEDL; MIP2A; TRAPPC2P1;
Gene ID	6399
mRNA Refseq	NM_001011658
Protein Refseq	NP_001011658
MIM	300202
UniProt ID	P0DI81
Chromosome Location	Xp22

Function

protein binding; transcription factor binding;

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