
Product Data Sheet

Product Name: TRAPPC2 Human
 Cat. No.: GP24873
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Trafficking Protein Particle Complex 2; Sedlin; SEDL; Trafficking Protein Particle Complex Subunit 2; Spondyloepiphyseal Dysplasia Late; TRAPPC2P1; HYP38334; ZNF547L; MIP2A; TRS20; SEDT; TRAPPC2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMGSFYF VIVGHHDNPV FEMEFLPAGK AESKDDHRHL NQFIAHAALD LVDENMWLSN NMYLKTVDKF NEWFVSAFVT AGHMRFIMLH DIRQEDGIKN FFTDVYDLYI KFSMNPFYEP NSPIRSSAFD RKVQFLGKKH LLS.		
Formulation	TRAPPC2 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 1mM DTT.		

Introduction

Trafficking Protein Particle Complex 2 (TRAPPC2) is assumed 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. Moreover, the TRAPPC2 protein can bind c-myc promoter-binding protein 1 and block its transcriptional repression capability. TRAPPC2 gene mutations are a cause of spondyloepiphyseal dysplasia tarda (SEDT).

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

TRAPPC2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 163 amino acids (1-140 a.a.) and having a molecular mass

Caution: Product has not been fully validated for medical applications. For research use only.

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of 18.8kDa. TRAPPC2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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