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## Product Data Sheet

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Product Name: TRAPPC4 Human  
 Cat. No.: GP24876  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Trafficking protein particle complex subunit 4; TRS23homolog; Synbindin; Hematopoietic stem/progenitor cell protein 172.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAlFSVY VVNKAGGLIY QLDSYAPRAE AEKTFsyPLD LLLKLHDERVLVAFGQRDGI RVGHAVLAIN GMDVNGRYTA DGKEVLEYLG NPANYPVSIR FGRPRLTSNE KLMLASMFHSLFAIGSQLSP EQGSSGIEML ETDTFKLHCY QTLTGIKFVV LADPRQAGID SLLRKIYEIY SDFALKNPFYSLEMPIRCEL FDQNLKLALE VAEKAGTFGP GS.		
Formulation	TRAPPC4 protein solution (0.25mg/ml) containing 20mMTris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT.		

### Introduction

Trafficking protein particle complex 4 (TRAPPC4) is part of the multisubunit TRAPP (transport protein particle) complex and interacts with SDC2. TRAPPC4 has a role in vesicular transport from endoplasmic reticulum to Golgi.

### 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

TRAPPC4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 242 amino acids (1-219) and having a molecular mass of 26.7kDa. TRAPPC4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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