

# Recombinant Human trafficking protein particle complex 4, His-tagged

**Cat. No.** TRAPPC4-355H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	TRAPPC4, 1-219aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-219 a.a.
<b>Description</b>	<p>Trafficking protein particle complex 4, also known as TRAPPC4, is part of the multisubunit TRAPP (transport protein particle) complex and interacts with SDC2. It may play a role in vesicular transport from endoplasmic reticulum to Golgi. Recombinant human TRAPPC4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.</p>
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 1mM DTT
<b>Molecular Mass</b>	26.7 kDa (242aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	<p>MGSSHHHHHH SSGLVPRGSH MGSMAIFSVY VV NKAGGLIY QLDSYAPRAE            AEKTF SYPLD LLLKLHDERV LVAFGQRDGI RVGHAVLAIN GMDVNGRYTA            DGKEVLEYLG NPANYPVSIR FGRPRLTSNE KLMLASMFHS LFAIGSQLSP            EQGSSGIEML ETDTFKLHCY QLTGKIFVV LADPRQAGID SLLRKIYEIY            SDFALKNPFY SLEMPIRCEL FDQNLKLALE VAEKAGTFGP GS</p>

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	>90% by SDS - PAGE
<b>Storage</b>	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.
<b>Concentration</b>	0.25 mg/ml (determined by Bradford assay)
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	TRAPPC4 trafficking protein particle complex 4 [ Homo sapiens ]
<b>Official Symbol</b>	TRAPPC4
<b>Synonyms</b>	TRAPPC4; trafficking protein particle complex 4; trafficking protein particle complex subunit 4; PTD009; SBDN; TRS23; TRS23 homolog; hematopoietic stem/progenitor cell protein 172; CGI-104; HSPC172; SYNBINDIN;
<b>Gene ID</b>	51399
<b>mRNA Refseq</b>	NM_016146
<b>Protein Refseq</b>	NP_057230
<b>MIM</b>	610971
<b>UniProt ID</b>	Q9Y296
<b>Chromosome Location</b>	11q23.3
<b>Pathway</b>	Syndecan-2-mediated signaling events, organism-specific biosystem;

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**Function**

protein binding;

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