

Recombinant Human trafficking protein particle complex 4, His-tagged

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

SPECIFICATION

Product Overview	TRAPPC4, 1-219aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-219 a.a.
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	26.7 kDa (242aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAIFSVY VVKNAGGLIY QLDSYAPRAE AEKTFSYPLD LLLKLHDERV LVAFGQRDGI RVGHAVLAIN GMDVNGRYTA DGKEVLEYLG NPANYPVSIR FGRPRLTSNE KLMLASMFHS LFAIGSQLSP EQGSSGIEML ETDTFKLHCY QTLTGKIFVV LADPRQAGID SLLRKIYEIY SDFALKNPFY SLEMPIRCEL FDQNLKLALE VAEKAGTFGP GS

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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	TRAPPC4 trafficking protein particle complex 4 [Homo sapiens]
Official Symbol	TRAPPC4
Synonyms	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;
Gene ID	51399
mRNA Refseq	NM_016146
Protein Refseq	NP_057230
MIM	610971
UniProt ID	Q9Y296
Chromosome Location	11q23.3
Pathway	Syndecan-2-mediated signaling events, organism-specific biosystem;

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Function

protein binding;

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