Recombinant Human GIPC1, T7-tagged

Cat. No. GIPC1-2897H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HumanGIPC1 (1-333 aa) is expressed in E.Coli with a T7 tag at N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-333 a.a.
Description	GIPC1 is a PDZ domain containing protein that interacts with RGS-GAIP and the viral oncoprotein TAX, which transactivates viral and cellular promoters through interactions with various transcription factors. GIPC specifically localizes to clusters of vesicles near the plasma membrane and participates in G protein-coupled signaling pathway involved in regulating Clathrin-coated vesicular trafficking. GIPC also associates with membrane bound Semaphorin F (M-SemF), which is involved in neuronal axon growth, and it appears to regulate the subcellular distribution of M-SemF in the brain.
MW	36049 Da.
Purity	95%.
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100.0.002% NaN3. 10mM DTT.
Application	MS. SDS.

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GENE INFORMATION

Gene ID	10755
mRNA Refseq	NM_005716
Protein Refseq	NP_005707
MIM	605072
UniProt ID	O14908
Chromosome Location	19p13.1
Function	PDZ domain binding; actin binding; myosin binding; protein binding; protein homodimerization activity; receptor binding

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