

**GIPC1, 1-333aa, Human, His tag, E.coli**

**Cat.NO.: TP02244**

3th Edition

**Synonyms:**PDZ domain-containing protein GIPC1, C19orf3, GIPC, GLUT1CBP, Hs.6454, IIP-1, NIP, SEMCAP, SYNECTIN, SYNECTIN, TIP-2, RGS19IP1

**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.

**Form:**Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 20% glycerol, 1mM DTT, 0.1M NaCl, and 1mM EDTA.

**Molecular Weight:**38.2 kDa (353aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMPLGLGRRKKAPPLVENEEAEPGRGGLGVGEPGLGGGGSGGPQMGLPPPPP  
ALRPRLVFHTQLAHGSPTGRIEGFTNVKELYGKIAEAFRLPTAEVMFCTLNTHKVDMDKLLGGQIGLEDFIFAHVKG  
QRKEVEVFKSEDALGLTITDNGAGYAFIKRIKEGSVIDHIHLISVGMIEAINGQSLLGCRHYEVARLLKELPRGRTFTL  
KLTEPRKAFDMISQRSAGGRPQSGPQLGTGRGTLRLRSRGPATVEDLPFAFEEKAIEKVDDLLESYMGIRDTELA  
TMVELGKDKRNPDELAELDERLGDFAFPDEFVFDVWGAIGDAKVGRY

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.