

## 32-3881: GIPC1 Recombinant Protein

**Alternative Name :** PDZ domain-containing protein GIPC1,GAIP C-terminus-interacting protein,RGS-GAIP-interacting protein,RGS19-interacting protein 1,Tax interaction protein 2,TIP-2,GIPC1,C19orf3,GIPC,RGS19IP1,NIP,GIPC,IIP-1,SEMCAIP,Hs.6454,MGC3774,GLUT1CB

### Description

Source : Escherichia Coli. GIPC1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 353 amino acids (1-333 a.a) and having a molecular mass of 38.2kDa. The GIPC1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. GIPC1 is a PDZ domain protein that cooperates with RGS-GAIP and the viral oncoprotein TAX, which transactivates viral and cellular promoters throughout interactions with different transcription factors. GIPC1 particularly localizes to clusters of vesicles close to the plasma membrane and takes part in G protein-coupled signaling pathway participating in regulating Clathrin-coated vesicular trafficking. GIPC1 cooperates with membrane bound Semaphorin F, which is takes part in neuronal axon growth, and controls the subcellular distribution of M-SemF in the brain.

### Product Info

**Amount :** 10 µg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

**Content :** GIPC1 Human solution (0.5mg/ml) containing 20mM Tris-HCl pH-8, 1mM DTT, 0.1M NaCl, 1mM EDTA & 20% glycerol.

**Storage condition :** 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.

**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MPLGLGRRKK APPLVENEEA EPGRGGLGVG EPGPLGGGGS  
GGPQMGLPPP PPALRPLVF HTQLAHGSPT GRIEGFTNVK ELYGKIAEAF RLPTAEVMFC TLNTHKVDMD  
KLLGGQIGLE DFIFAHVKGQ RKEVEVKSE DALGLTITDN GAGYAFIKRI KEGSVIDHIH LISVGMIEA  
INGQSLLGCR HYEVARLLKE LPRGRTFTLK LTEPRKAFDM ISQRSAGGRP GSGPQLGTGR GTLRLRSRGP  
ATVEDLPSAF EEKAIKVVDD LLESYMGIRD TELAATMVEL GKDKRNPDEL AEALDERLGD FAFPDEFVFD  
VWGAIGDAKV GRY.

