

## Recombinant Human GIPC PDZ Domain Containing Family, Member 2, His-tagged

Cat. No. GIPC2-1400H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human GIPC2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	GIPC2 contains 315 amino acid protein that localizes to the cytoplasm and contains one PDZ domain. GIPC2 is expressed at high levels in kidney and colon and at lower levels in adult liver. It might play important roles in human gastric cancer through modulation of growth factor signaling or cell adhesion.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.1M NaCl.
<b>Molecular Weight</b>	36.9 kDa(339aa), confirmed by MALDI-TOF.
<b>Purity</b>	> 95% by SDS-PAGE
<b>Concentration</b>	1 mg/ml (determined by Bradford assay)
<b>Sequences of amino acids</b>	MGSSHHHHHSSGLVPRGSH MGSHMPLKLR GKAKKAKSKET AGLVEGEPTG AG GGSLASR APARRLVFHAQLAHGSATGR VEGFSSIQEL YAQIAGAFEI SPSEILYC TL NTPKIDMERLLGGQLGLEDF IFAHVKGIEK EVNVYKSEDS LGLTITDNGV GYAFI

 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

KRIKD GGVIDSVKTI CVGDHIESINGENIVGWRHY DVAKKLKELK KEELFTMKLI EP  
 KKA FEIEP RSKAGKSSGE KIGCGRATLR LRSKGPATVEEMPSETKAKAIEKIDDVLE  
 LYMGIRDIDLA TTMFEAGKDK VNPDEFAVAL DETLGDFAFP DEFVFDVWGV IGDA  
 KRRGL

**Storage**

Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**OfficialSymbol**

GIPC2

## GENE INFORMATION

**Gene Name**

GIPC2GIPC PDZ domain containing family, member 2 [ Homo sapiens ]

**Synonyms**

GIPC2; GIPC PDZ domain containing family, member 2; SEMCAP2;FLJ20075;  
 SEMCAP-2; PDZ domain-containingprotein GIPC2; PDZ domain protein GIPC2;  
 semaF cytoplasmic domain associatedprotein 2; semaphorin cytoplasmic domain  
 associated protein 2; OTTHUMP00000038608

**Gene ID**

54810

**mRNA Refseq**

NM\_017655

**Protein Refseq**

NP\_060125

**UniProt ID**

Q8TF65

**Chromosome  
Location**

1p31.1

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