

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

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

SPECIFICATION

Product Overview	Recombinant human GIPC2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.1M NaCl.
Molecular Weight	36.9 kDa(339aa), confirmed by MALDI-TOF.
Purity	> 95% by SDS-PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHSSGLVPRGSH MGSHMPLKLR GKKKAKSKET AGLVEGEPTG AG GGSLASAR APARRLVFHAQLAHGSATGR VEGFSSIQL YAQIAGAFEI SPSEILYC TL NTPKIDMERLLGGQLGLEDF IFAHVKGIEK EVNVYKSEDS LGLTITDNGV GYAFI

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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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