

Recombinant Human GIPC1, His-tagged

Cat. No. GIPC1-29065TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-333 of Human GIPC1 with N terminal His tag; 353 amino acids, 38.2kDa, including tag.
Species	Human
Source	E.coli
ProteinLength	333 amino acids
Description	GIPC1 is a scaffolding protein that regulates cell surface receptor expression and trafficking (Lee et al.
Conjugation	HIS
Molecular Weight	38.200kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM EDTA, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids

MGSSHHHHHH SSGLVPRGSH MPLGLGRRKK APPLVENEEA EPGRGGLGVG
 EPGPLGGGGS GGPQMGLPPP PPALRPRLVF HTQLAHGSPT GRIEGFTNVK
 ELYGKIAEAF RLPTAEVMFC TLNTHKVDMD KLLGGQIGLE DFIFAHVKGQ
 RKEVEVFKSE DALGLTITDN GAGYAFIKRI KEGSVIDHIH LISVGDMIEA
 INGQSLLGCR HYEVARLLKE LPRGRTFTLK LTEPRKAFDM ISQRSAGGRP
 GSGPQLGTGR GTLRLRSRGP ATVEDLPSAF EEKAIEKVDD LLESYMGIRD
 TELAATMVEL GKDKRNPDEL AEALDERLGD FAFPDEFVFD VWGAIGDAKV GRY

GENE INFORMATION

Gene Name	GIPC1 GIPC PDZ domain containing family, member 1 [Homo sapiens]
Official Symbol	GIPC1
Synonyms	GIPC1; GIPC PDZ domain containing family, member 1; C19orf3, chromosome 19 open reading frame 3 , regulator of G protein signalling 19 interacting protein 1 , RGS19IP1; PDZ domain-containing protein GIPC1; GIPC; GLUT1CBP; Hs.6454; NIP; SEMCAP; SYNECTIN;
Gene ID	10755
mRNA Refseq	NM_202468
Protein Refseq	NP_974197
MIM	605072
Uniprot ID	O14908
Chromosome Location	19p13.1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com
 Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Pathway	Neurotrophic factor-mediated Trk receptor signaling, organism-specific biosystem; Syndecan-4-mediated signaling events, organism-specific biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem;
Function	PDZ domain binding; actin binding; myosin binding; protein binding; protein homodimerization activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA