

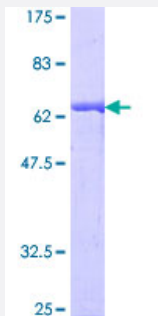
Full-Length

GIPC1 (Human) Recombinant Protein (P01)

Catalog # H00010755-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GIPC1 full-length ORF (NP_005707.1, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPLGLGRRKKAPPLVENEEAEPGRGGLGVGEPGPLGGGGSGGPQMGLPPPPPALRPRLVFHT
QLAHGSPTGRIEGFTNVKELYGKIAEAFRLPTAEVMFCTLNTHKVDMDKLLGGQIGLEDFIFAHVKG
QRKEVEVFKSEDALGLTITDNGAGYAFIKRIKEGSVIDHIHLISVGDMEAINQSLLGCRHYEVARLL
KELPRGRTFTLKLTEPRKAFDMISQRSAGGRPGSGPQLGTGRGTLRLRSRGPATVEDLPSAFEE
KAIEKVDDLLESYMGIRDTELAATMVELGKDKRNPDELAELDERLGDFAFPDEFVFDVWGAIGD
AKVGRY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

62.4

Interspecies Antigen Sequence

Mouse (96); Rat (96)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GIPC1

Entrez GeneID[10755](#)**GeneBank Accession#**[NM_005716.2](#)**Protein Accession#**[NP_005707.1](#)**Gene Name**

GIPC1

Gene Alias

C19orf3, GIPC, GLUT1CBP, Hs.6454, IIP-1, MGC15889, MGC3774, NIP, RGS19IP1, SEMCAP, SYNECTIN, SYNECTIN, TIP-2

Gene Description

GIPC PDZ domain containing family, member 1

Omim ID[605072](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

GIPC1 is a scaffolding protein that regulates cell surface receptor expression and trafficking (Lee et al., 2008 [PubMed 18775991]).[supplied by OMIM]

Other Designations

GLUT1 C-terminal binding protein|IGF-1 receptor interacting protein 1|regulator of G-protein signaling 19 interacting protein 1

Disease

- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)