

## Product datasheet for RC216637

### GIPC (GIPC1) (NM\_202469) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GIPC (GIPC1) (NM_202469) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GIPC
Synonyms:	C19orf3; GIPC; GLUT1CBP; Hs.6454; IIP-1; NIP; OPDM2; RGS19IP1; SEMCAP; SYNECTIN; SYNECTIN; TIP-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC216637 representing NM_202469 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTCTGCACCCTGAACACCCACAAAGTGGACATGGACAAGCTCCTGGGGGCCAGATCGGGCTGGAGG  
ACTTCATCTTCGCCACGTGAAGGGGCAGCGCAAGGAGGTGGAGGTGTTCAAGTCGGAGGATGCACTCGG  
GCTCACCATCACGGACAACGGGGCTGGCTACGCCCTTCATCAAGCGCATCAAGGAGGGCAGCGTGATCGAC  
CACATCCACCTCATCAGCGTGGGCGACATGATCGAGGCCATTAAACGGGCAGAGCCTGCTGGGCTGCCGGC  
ACTACGAGGTGGCCGGCTGCTCAAGGAGCTGCCCGAGGCCGTACCTTCACGCTGAAGCTCACGGAGCC  
TCGCAAGGCCCTTCGACATGATCAGCCAGCGTTCAGCGGGTGGCCGCCCTGGCTCTGGCCACAACCTGGC  
ACTGGCCGAGGGACCCTGCGGCTCCGATCCCGGGGCCCGCCACGGTGGAGGATCTGCCCTCGCCTTTG  
AAGAGAAGGCCATTGAGAAGGTGGATGACTGCTGGAGAGTTACATGGGTATCAGGGACACGGAGCTGGC  
GGCCACCATGGTGGAGCTGGGAAAGGACAAAAGGAACCCGGATGAGCTGGCCGAGGCCCTGGACGACCGG  
CTGGGTGACTTTGCCCTCCCTGACGAGTTCGTCTTTGACGTCTGGGGCGCCATTGGGGACGCCAAGGTGCG  
GCCGCTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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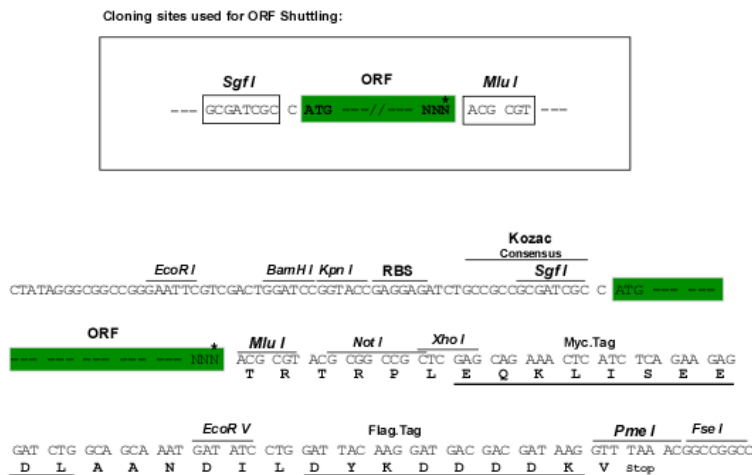
**Protein Sequence:** >RC216637 representing NM\_202469  
Red=Cloning site Green=Tags(s)

MFCTLNTHKVDMDKLLGGQIGLEDFIFAHVKGQRKEVEVFKSEDALGLTITDNGAGYAFIKRIKEGSVID  
 HIHLISVGMIEAINGQSLLGCRHYEVARLLKELPRGRFTLKLTEPRKAFDMISQRSAGGRPGSGPQLG  
 TGRGTLRLRSRGPATVEDLPSAFEKAIEKVDDLLESYMGIRDTELAATMVELGKDKRNPDELAELDER  
 LGDFAFPDEFVFDVWGAIGDAKVGRY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_202469

**ORF Size:** 708 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_202469.3](#)

**RefSeq Size:** 1590 bp

**RefSeq ORF:** 711 bp

**Locus ID:** 10755

**UniProt ID:** [O14908](#)

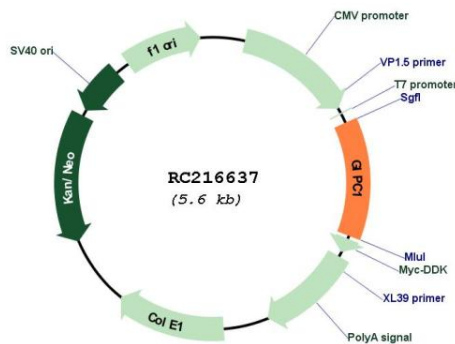
**Cytogenetics:** 19p13.12

**Protein Families:** Druggable Genome

**MW:** 26.1 kDa

**Gene Summary:** GIPC1 is a scaffolding protein that regulates cell surface receptor expression and trafficking (Lee et al., 2008 [PubMed 18775991]).[supplied by OMIM, Apr 2009]

### Product images:



Circular map for RC216637