

Product datasheet for **RC224484**

GIPC (GIPC1) (NM_202494) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GIPC (GIPC1) (NM_202494) 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:	>RC224484 representing NM_202494 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCTGCACCCTGAACACCCACAAAGTGGACATGGACAAGCTCCTGGGGGCCAGATCGGGCTGGAGG
ACTTCATCTTCGCCACGTGAAGGGCAGCGCAAGGAGGTGGAGGTGTTCAAGTCGGAGGATGCACTCGG
GCTCACCATCACGGACAACGGGGCTGGCTACGCCCTTCATCAAGCGCATCAAGGAGGGCAGCGTGATCGAC
CACATCCACCTCATCAGCGTGGGCGACATGATCGAGGCCATTAACGGGCAGAGCCTGCTGGGCTGCCGGC
ACTACGAGGTGGCCGGCTGCTCAAGGAGCTGCCCGAGGCCGTACCTTCAGCTGAAGCTCACGGAGCC
TCGCAAGGCCTTCGACATGATCAGCCAGCGTTCAGCGGGTGGCCGCCCTGGCTCTGGCCACAACCTGGC
ACTGGCCGAGGGACCCTGCGGCTCCGATCCCGGGGCCCGCCACGGTGGAGGATCTGCCCTCGCCTTTG
AAGAGAAGGCCATTGAGAAGGTGGATGACTGCTGGAGAGTTACATGGGTATCAGGGACACGGAGCTGGC
GGCCACCATGGTGGAGCTGGGAAAGGACAAAAGGAACCCGGATGAGCTGGCCGAGGCCCTGGACGACGG
CTGGGTGACTTTGCCTCCCTGACGAGTTCGTCTTTGACGTCTGGGGCGCCATTGGGGACGCCAAGGTGCG
GCCGCTAC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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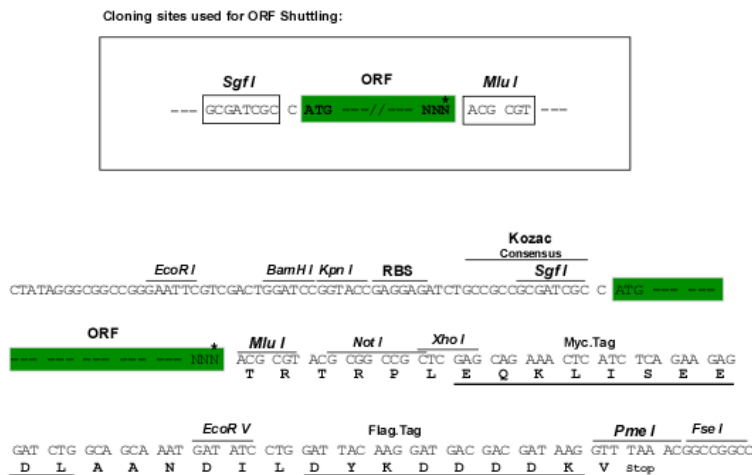
Protein Sequence: >RC224484 representing NM_202494
Red=Cloning site Green=Tags(s)

MFCTLNTHKVDMDKLLGGQIGLEDFIFAHVKGQRKEVEVFKSEDALGLTITDNGAGYAFIKRIKEGSVID
 HIHLISVGMIEAINGQSLLGCRHYEVARLLKELPRGRFTLKLTEPRKAFDMISQRSAGGRPGSGPQLG
 TGRGTLRLRSRGPATVEDLPSAFEKAIEKVDDLLESYMGIRDTELAATMVELGKDKRNPDELAELDER
 LGDFAFPDEFVFDVWGAIGDAKVGRY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_202494

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_202494.2](#), [NP_974223.1](#)

RefSeq Size: 1502 bp

RefSeq ORF: 711 bp

Locus ID: 10755

UniProt ID: [O14908](#)

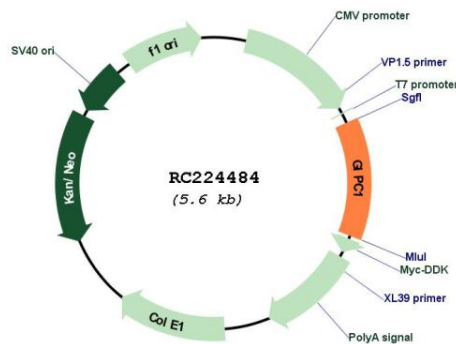
Cytogenetics: 19p13.12

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 RC224484