

## Product datasheet for SC121437

### GIPC (GIPC1) (NM\_202494) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GIPC (GIPC1) (NM_202494) Human Untagged Clone
Tag:	Tag Free
Symbol:	GIPC
Synonyms:	C19orf3; GIPC; GLUT1CBP; Hs.6454; IIP-1; NIP; OPDM2; RGS19IP1; SEMCAP; SYNECTIIN; SYNECTIN; TIP-2
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_202494, the custom clone sequence may differ by one or more nucleotides

```
ATGTTCTGCACCCTGAACACCCACAAAGTGGACATGGACAAGCTCCTGGGGGCCAGATCGGGCTGGAGG
ACTTCATCTTCGCCCACGTGAAGGGGCAGCGCAAGGAGGTGGAGGTGTTCAAGTCGGAGGATGCACTCGG
GCTCACCATCACGGACAACGGGGCTGGCTACGCCTTCATCAAGCGCATCAAGGAGGGCAGCGTGATCGAC
CACATCCACCTCATCAGCGTGGGCGACATGATCGAGGCCATTAACGGGCAGAGCCTGCTGGGCTGCCGGC
ACTACGAGGTGGCCGGCTGCTCAAGGAGCTGCCCGAGGCCGTACCTTCACGCTGAAGCTCACGGAGCC
TCGCAAGGCCTTCGACATGATCAGCCAGCGTTCAGCGGGTGGCCGCCCTGGCTCTGGCCACAACCTGGC
ACTGGCCGAGGGACCCTGCGGCTCCGATCCCGGGGCCCGCCACGGTGGAGGATCTGCCCTCTGCCTTTG
AAGAGAAGGCCATTGAGAAGGTGGATGACCTGCTGGAGAGTTACATGGGTATCAGGGACACGGAGCTGGC
GGCCACCATGGTGGAGCTGGGAAAGGACAAAAGGAACCCGGATGAGCTGGCCGAGGCCCTGGACGAACGG
CTGGGTGACTTTGCCTTCCCTGACGAGTTCGTCTTTGACGTCTGGGGCGCCATTGGGGACGCCAAGGTCTG
GCCGCTACTAG
```



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_202494 unedited GGGGGGGGNNNNNTTCTCCCCCCCNGGTTGAGAATTGTATACNACTTATATAGGC GGCCGCGAAATTCGCACCACTTGCCCCCCTTTCCCAACCTGCGGCCCGCCTCGTGC TCCACACCCAGCTGGCCCATGGCAGTCCCACTGGCCGCATCGAGGGCTTACCAACGTCA AGGAGCTGTATGGCAAGATCGCCGAGGCCTTCCGCCTGCCAACTGCCGAGGTGATGTTCT GCACCTGAACACCCACAAAGTGGACATGGACAAGCTCCTGGGGGCCAGATCGGGCTGG AGGACTTCATCTTCGCCACGTGAAGGGGCAGCGCAAGGAGGTGGAGGTGTTCAAGTCGG AGGATGCACTCGGGCTACCATCACGGACAACGGGGCTGGCTACGCCTTCATCAAGCGCA TCAAGGAGGGCAGCGTGATCGACCACATCCACCTCATCAGCGTGGGCGACATGATCGAGG CCATTAACGGGCAGAGCCTGCTGGGCTGCCGCACTACGAGGTGGCCCGCTGCTCAAGG AGCTGCCCGAGGCCGTACCTTCACGCTGAAGCTCACGGAGCCTCGCAAGGCCTTCGACA TGATCAGCCAGCGTTAGCGGGTGGCCGCCCTGGCTCTGGCCACAACGGGCACTGGCCG ANGGACCTGCGGCTCCGATCCCGNGCCCCGCCACAGTGGAGGATCTGCCCTCTGCCTTT GAAGAGAAGCCATTGAGAANGTGTGACCTGCTGNAGAGTACANTGGTATCAGGNACACN NGAGCTGCNGCCACCATGGTGGAGCTGGGAAAGGACAAAGGAACCCGGATGAGCTGGCCG AGGCCCTGNACCAACGGGTGGGTGACTTTGCCTTNCCTGACGAGTTCGTCTTTGACGTCT GGGGGCGCATTGGGGACGCCAAGGTCGGNCGGTACTTAGACTGCCCCCGACCTGCGAT GATGACCCGGCGCACCTGTGGGGGCCCCAC
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_202494
<b>Insert Size:</b>	1450 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_202494.1, NP_974223.1</u>
<b>RefSeq Size:</b>	1502 bp
<b>RefSeq ORF:</b>	711 bp
<b>Locus ID:</b>	10755
<b>UniProt ID:</b>	<u>O14908</u>
<b>Cytogenetics:</b>	19p13.12
<b>Protein Families:</b>	Druggable Genome

**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]  
Transcript Variant: This variant (6) differs in the 5' UTR, lacks a portion of the 5' coding region and initiates translation at a downstream, in-frame start codon, compared to variant 1. Variants 4 and 6 encode the same isoform (2), which has a shorter N-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.