

## Product datasheet for SC116575

### GIPC (GIPC1) (NM\_005716) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GIPC (GIPC1) (NM_005716) 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-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116575 sequence for NM_005716 edited (data generated by NextGen Sequencing)

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ATGCCGCTGGGACTGGGGCGCGGAAAAAGGCGCCCTCTAGTGAAAAATGAGGAGGCT
GAGCCAGGCCGTGGAGGGCTGGGCGTGGGGGAGCCGGGCCTCTGGGCGGAGGTGGGTCG
GGGGCCCCAAATGGGCTTCCCCCCCCCTCCCCAGCCCTGCGGCCCCCGCCTCGTGTC
CACACCCAGCTGGCCCATGGCAGTCCCCTGCGCCGATCGAGGGCTTACCAACGTCGAAG
GAGCTGTATGGCAAGATCGCCGAGGCCTTCCGCCTGCCAACTGCCGAGGTGATGTTCTGC
ACCCTGAACACCCACAAAGTGGACATGGACAAGCTCCTGGGGGGCCAGATCGGGCTGGAG
GACTTCATCTTCGCCACGTGAAGGGGAGCGCAAGGAGGTGGAGGTGTTCAAGTCGGAG
GATGCACTCGGGCTACCATCACGGACAACGGGGCTGGCTACGCCTTCATCAAGCGCATC
AAGGAGGGCAGCGTGATCGACCACATCCACCTCATCAGCGTGGGCGACATGATCGAGGCC
ATTAACGGGCAGAGCCTGCTGGGCTGCCGCACTACGAGGTGGCCGGCTGCTCAAGGAG
CTGCCCCGAGGCCGTACCTTACGCTGAAGCTCACGGAGCCTCGCAAGGCCTTCGACATG
ATCAGCCAGCGTTCAGCGGGTGGCCGCCCTGGCTCTGGCCACAACCTGGGCAAGTGGCCGA
GGACCTGCGGGCTCCGATCCCCGGGCCCCGCCACGGTGGAGGATCTGCCCTCTGCCTTT
GAAGAGAAGGCCATTGAGAAGGTGGATGACCTGCTGGAGATTACATGGGTATCAGGGAC
ACGGAGCTGGCGGCCACCATGGTGGAGCTGGGAAAGGACAAAAGGAACCCGGATGAGCTG
GCCGAGGCCCTGGACGAACGGCTGGGTGACTTTGCCTTCCCTGACGAGTTCGTCTTTGAC
GTCTGGGGCGCCATTGGGGACGCCAAGGTCGGCCGCTACTAG

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Clone variation with respect to NM\_005716.2  
96 a=>g;713 c=>g



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_005716 unedited GCACGAGGGCGGAGGCAGCGAGCAGATGA AGAAACTGAGGCCTGTGATGTGAAGTGACTTGCCCCCAGCCACACAGCTGGACCATTCTGGCTGTCTGTGACAAGAAGTCGTAGGGGGTGAGGGTGAAGCTGGGAAACCCACAGG AGGCAACCACACTAGTTTAGATCTTCTGGTGACCCCACTTCTCGTGTCTATGCCCTGG GACTGGGGCGCGGAAAAAGGCCCCCTCTAGTGAAAAATGAGGAGGCTGAGCCAGGCC GTGGAGGGCTGGCGTGGGG
<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_005716 unedited ATGGCCGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTAAACAGCAGATAGAT TCTTTATGTTCAAGACAGCAAATTCAGATACAAAACCCACCGCCATCGTCCCTCCCTCC CTCCTGTCTGGGCCAGGATGGCCTGGAAGGAGAGATGGGAGGTGGGAGGAGTTGC GGGTTTACAGCAGACTCGTGTCAAATGCGGAGGTAACAGGCTCCACAGGAGGGGGCTC CTCTCAGGAGGGGTGAGGGCATTATTGCATTTGCTGGGGGAAGGACAACCCCTCTCCCT GTATTCCTGCGTCAGGAACTAGGAAGTTCATGACCCCAAACAGAACCCAAAGGCCCA GGGAGACAGAGGGACCAGTTTGGCAGCTGATGGTGAAAGTGGTGGAGGGGGGGTGGCC GCCCAATTTGGTGATCCCTCCCTCCCTGTGCCTGACCCAGCTGAGGTAGGTGGGGAAC AGGGCACAGGGGGCCGGGACCCGGCCAGACTGGGAACCAGGGAGGGGATGGTACCGA TTGGAGCGGNGCAGGGGGCTGGCCCCACCTCCCTCACCATCGTCTTGGGCTGTGAG CTAGGCTCAGGCTGGAGGCTCGGGTCTGACGTACGTGTCCCTGTGGGGCCCCACCAG GTTGCGCCCGGGTCATATCGCAGGGTCCCGGGGCACTAGTAGCCCGGACCTTGGC GTCCCCATGGCGCCCAGACGTCAAGACGAACTCGTCAGGGAATGCATAGTACCCAGCC TTCGTTAGGGCTGGGAGCTCATCCGGTTCCTTTTGTCTTTCCAACTCCCCATGG TGGNCCCAACTCCCGTCCCTGAACCATGTAACCTTCCGCGAGGCATCCCCCTTTTAA GGCCTTCTTTCAAGGGCGAGGGCAAT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_005716
<b>Insert Size:</b>	2000 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_005716.2, NP_005707.1</u>
<b>RefSeq Size:</b>	1947 bp
<b>RefSeq ORF:</b>	1002 bp

Locus ID: 10755  
UniProt ID: [O14908](#)  
Cytogenetics: 19p13.12  
Domains: PDZ

Protein Families: 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 (1) represents the longest transcript and encodes the longer isoform (1). Variants 1, 3 and 5 encode the same isoform. 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.