

Product datasheet for **SC121345**

GIPC (GIPC1) (NM_202469) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GIPC (GIPC1) (NM_202469) Human Untagged Clone
Tag:	Tag Free
Symbol:	GIPC1
Synonyms:	C19orf3; GIPC; GLUT1CBP; Hs.6454; IIP-1; NIP; OPDM2; RGS19IP1; SEMCAP; SYNECTIIN; SYNECTIN; TIP-2
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_202469, the custom clone sequence may differ by one or more nucleotides

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ATGTTCTGCACCCTGAACACCCACAAAGTGGACATGGACAAGCTCCTGGGGGCCAGATCGGGCTGGAGG
ACTTCATCTTCGCCCACGTGAAGGGGCAGCGCAAGGAGGTGGAGGTGTTCAAGTCGGAGGATGCACTCGG
GCTCACCATCACGGACAACGGGGCTGGCTACGCCCTTCATCAAGCGCATCAAGGAGGGCAGCGTGATCGAC
CACATCCACCTCATCAGCGTGGGCGACATGATCGAGGCCATTAACGGGCAGAGCCTGCTGGGCTGCCGGC
ACTACGAGGTGGCCGGCTGCTCAAGGAGCTGCCCGAGGCCGTACCTTCACGCTGAAGCTCACGGAGCC
TCGCAAGGCCTTCGACATGATCAGCCAGCGTTCAGCGGGTGGCCGCCCTGGCTCTGGCCACAACCTGGC
ACTGGCCGAGGGACCCTGCGGCTCCGATCCCGGGGCCCGCCACGGTGGAGGATCTGCCCTTGCCTTTG
AAGAGAAGGCCATTGAGAAGGTGGATGACCTGCTGGAGAGTTACATGGGTATCAGGGACACGGAGCTGGC
GGCCACCATGGTGGAGCTGGGAAAGGACAAAAGGAACCCGGATGAGCTGGCCGAGGCCCTGGACGAACGG
CTGGGTGACTTTGCCTTCCCTGACGAGTTCGTCTTTGACGTCTGGGGCGCCATTGGGGACCCAAGGTCCG
GCCGCTACTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_202469 unedited GCACGAGCGGGAGAGGCCCGGTCTGGAGTTTGCGGAGGGCCGAGCCGGTGCGCACGGGG AGGCGGAGGCAGCGGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGAGCAGGACCATT CTGGCTGCTGTCTGGACAAGAAGTCGTAGGGGTGAGGGTGAAGTGGGAAACCCACAGG AGGCAACCACACTAGTTTAGGTGATGTTCTGCACCCTGAACACCCACAAAGTGGACATGG ACAAGTCCTGGGGGCCAGATCGGGCTGGAGGACTTCATCTTCGCCACGTGAAGGGGC AGCGCAAGGAGGTGGNAGGTGTTCAAGTCGGAGGATGCACTCGGGCTCACCATCACGGAC AACGGGGGCTGGCTACGCCTTCATCAAGCGCATCAAGGAGGGCAGCGTGATCGACCACAT CCACCTCATCAGCGTGGGCGACATGATCGAGGCCATTAACGGGCAGAGCCTGCTGGGCTG CCGGCCTACGAGGTGGCCCGGCTGCTCAAGGAGCTGCCCGAGGCGGTACCTTCACGCTG AAGCTCACGGAGCCTCGCAAGGCCTTCGACATGATCAG
Restriction Sites:	NotI-NotI
ACCN:	NM_202469
Insert Size:	1100 bp
OTI Disclaimer:	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).
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:	<ol style="list-style-type: none">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_202469.1 , NP_974198.1
RefSeq Size:	1590 bp
RefSeq ORF:	1590 bp
Locus ID:	10755
UniProt ID:	O14908
Cytogenetics:	19p13.12
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 (4) 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.