

Product datasheet for **SC319481**

GIPC (GIPC1) (NM_202470) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GIPC (GIPC1) (NM_202470) 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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_202470.1
 CTGGAGTTTGCAGGGCCGAGCCGGTGCACGGGGAGGCGGAGGCAGCGGGCGGCGG
 GGCGGGCGGCGGCGGCGGAGCAGATGAAGAACTGAGGCCCTGTGATGTGAAGTGACT
 TGCCCCCAGCCACACAGCTGGACCATTCTGGCTGCTGTCTGGACAAGAAGTCGTAGGGG
 GTGAGGGTGAAGCTGGGAAACCCACAGGAGGCAACCACACTAGTTTAGATCTTCTGGT
 ACCCCACTTCTCGCTGCTCATGCCGCTGGGACTGGGCGGCGGAAAAAGCGCCCCCTCT
 AGTGAAAAATGAGGAGGCTGAGCCAGGCGTGGAGGGCTGGGCGTGGGGGAGCCAGGGCC
 TCTGGGCGGAGGTGGTTCGGGGGCCCCAAATGGGCTTGCCCCCCTCCCCAGCCCT
 GCGGCCCCGCTCGTGTTCACACCCAGCTGGCCATGGCAGTCCCAGTGGCCGATCGA
 GGGCTTACCAACGTCAAGGAGCTGTATGGCAAGATCGCCGAGGCCTTCCGCTGCCAAC
 TGCCGAGGTGATGTTCTGCACCTGAACACCCACAAAGTGACATGGACAAGCTCCTGGG
 GGGCCAGATCGGGCTGGAGGACTTCTTCCGCCACGTGAAGGGGAGCGCAAGGAGGT
 GGAGGTGTTCAAGTCGGAGGATGCACTCGGGCTCACCATCACGGACAACGGGGCTGGCTA
 CGCCTTCAAGCGCATCAAGGAGGGCAGCGTATCGACCACATCCACCTCATCAGCGT
 GGGCGACATGATCGAGGCCATTAACGGGCAGAGCCTGCTGGGCTGCCGGCACTACGAGGT
 GGCCCGGCTGCTCAAGGAGCTGCCCGAGGCCGTACCTTACGCTGAAGCTCACGGAGCC
 TCGCAAGGCCTTCGACATGATCAGCCAGCGTTCAGCGGGTGGCCGCCCTGGCTCTGGCC
 ACAACTGGGCACTGGCCGAGGGACCCTGCGGCTCCGATCCCGGGGCCCGCCACGGTGA
 GGATCTGCCCTCTGCCTTGAAGAGAAGGCCATTGAGAAGGTGGATGACCTGCTGGAGAG
 TTACATGGGTATCAGGGACACGGAGCTGGCGGCCACCATGGTGGAGCTGGGAAAGGACAA
 AAGGAACCCGGATGAGCTGGCCGAGGCCCTGGACGAACGGCTGGGTGACTTTGCCTTCCC
 TGACGAGTTCGTCTTTCAGCTCTGGGGCGCCATTGGGGACGCCAAGTTCGGCCGCTACTA
 GGACTGCCCCCGACCCCTGCGATGATGACCCGGGCGCAACTGGTGGGGGCCCGCCAGCA
 GGACACTGACGTACAGACCCGAGCCTCCAGCCTGAGCCTAGCTCAGCAGCCCAAGGACGA
 TGGTGAGGGGAGGTGGGGCCAGGCCCTGCCCCGCTCCAATCGGTACCATCCCCCTCCCT
 GGTTCACAGTCTGGCCGGGGTCCCCGGCCCCCTGTGCCCTGTTCCCCACCTACCTCAGC
 TGGGTACGGCACAGGGAGGGGAGGGATCAGCCAAATTGGGCGGCCACCCCGCCTCCACC
 ACTTTCACCATCAGCTGCCAACTGGTCCCTGTCTCCCTGGGGCCTTGGGTTCTGTT
 TGGGGTTCATGACCTTCTAGTTTCTGACGCAGGAATACAGGGGAGAGGGTTGCCTT
 CCCCCAGCAAATGCAATAATGCCCTCACCCCTCTGAGAGGAGCCCCCTCCCTGTGGAG
 CCTGTTACCTCCGATTTGACACGAGTCTGCTGTGAACCCGCAACCTCCTCCCCACCTC
 CCATCTCTCCTTCCAGGCCATCCCTGGCCAGAGCAGGAGGGAGGGAGGACGATGGCG
 GTGGGTTTTGTATCTGAATTTGCTGTCTTGAACATAAAGAATCTATCTGCTGTTAAAAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_202470

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_202470.1](#), [NP_974199.1](#)

RefSeq Size: 1803 bp

RefSeq ORF: 1002 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 (5) lacks two consecutive exons in the 5' UTR, compared to variant 1. Variants 1, 3 and 5 encode the same 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.