

Product datasheet for SC308092

GIPC (GIPC1) (NM_202468) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GIPC (GIPC1) (NM_202468) Human Untagged Clone
Tag:	Tag Free
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)
Fully Sequenced ORF:	>SC308092 representing NM_202468. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCGCTGGGACTGGGGCGGCGAAAAAGGCCGCCCTCTAGTGAAAAATGAGGAGGCTGAGCCAGGC
CGTGGAGGGCTGGGCGTGGGGGAGCCAGGGCCTCTGGGCGGAGGTGGGTCGGGGGCCCCCAATGGGC
TTGCCCCCTCCCGAGCCCTGCGGCCCGCCCTCGTGTTCACACCCAGCTGGCCATGGCAGTCCC
ACTGGCCGCATCGAGGGCTTCACCAACGTCAAGGAGCTGTATGGCAAGATCGCCGAGGCCTTCGCCTG
CCAAGTCCGAGGTGATGTTCTGCACCTGAACACCCACAAAGTGGACATGGACAAGCTCCTGGGGGC
CAGATCGGGCTGGAGGACTTCATCTTCGCCACGTGAAGGGCAGCGCAAGGAGGTGGAGGTGTTCAAG
TCGGAGGATGCACTCGGGCTCACCATCACGACAACGGGGCTGGTACGCCTTCATCAAGCGCATCAAG
GAGGGCAGCGTGATCGACCACATCCACCTCATCAGCGTGGGCGACATGATCGAGGCCATTAACGGGCAG
AGCCTGCTGGGCTGCCGCACTACGAGGTGGCCGGCTGCTCAAGGAGCTGCCCGAGGCCGTACCTTC
ACGCTGAAGCTCACGGAGCCTCGCAAGGCCTTCGACATGATCAGCCAGCGTTTCAGCGGTGGCCGCCT
GGCTCTGGCCCAACTGGGCACTGGCCGAGGGACCCTGCGGCTCCGATCCCGGGGCCCGCCACGGTG
GAGGATCTGCCCTCTGCCTTTGAAGAGAAGGCCATTGAGAAGGTGGATGACCTGCTGGAGAGTTACATG
GGTATCAGGGACCGGAGCTGGCGGCCACCATGGTGGAGCTGGGAAAGGACAAAAGGAACCCGGATGAG
CTGGCCGAGGCCCTGGACGAACGGCTGGGTGACTTTGCCTCCCTGACGAGTTTCGCTTTGACGTCTGG
GGCGCCATTGGGGACGCCAAGGTGCGCCGCTACTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_202468



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Insert Size:	1002 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).
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:	<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_202468.1
RefSeq Size:	1908 bp
RefSeq ORF:	1002 bp
Locus ID:	10755
UniProt ID:	O14908
Cytogenetics:	19p13.12
Protein Families:	Druggable Genome
MW:	36 kDa
Gene Summary:	<p>GIPC1 is a scaffolding protein that regulates cell surface receptor expression and trafficking (Lee et al., 2008 [PubMed 18775991]).[supplied by OMIM, Apr 2009]</p> <p>Transcript Variant: This variant (3) lacks an exon 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.</p>