

Product datasheet for **RG206256**

GIPC (GIPC2) (NM_017655) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GIPC (GIPC2) (NM_017655) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GIPC
Synonyms:	SEMCAP-2; SEMCAP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206256 representing NM_017655 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCTGAAGCTGCGGGGAAGAAGAAGGCCAAGTCCAAGGAGACCGCCGGGCTGGTGGAGGGCGAGC
CGACGGGCGGGCGGGGAGCCTCTCAGCGTCCCGGGCTCCCGCACGCAGGCTGGTCTCCACGCGCA
GCTGGCGCAGGTAGTCCACGGGCCGAGTGGAGGGCTTCTCCAGCATCCAGGAGCTCTACGCCAGATC
GCGGGCGCGTTTAAAATCTCGCGTCCGAGATCTTATATTGCACTTTAAACACACCTAAAATTGACATGG
AAAGACTCTTAGGAGACAAGTACTAGGACTAGAAGATTTTCAATTTGCCCATGTGAAAGGAATCGAAAAAGA
AGTGAATGTGTATAAATCTGAGGATTCACTTGGTCTCACCATTACAGATAATGGTGTGGCTATGCTTTT
ATAAAGAGAATTAAGATGGTGGTGTATTGACTCAGTTAAAACAATCTGTGTTGGGGATCATATTGAAT
CCATAAATGGAGAAAATATTGTTGGGTGGCGTCACTATGATGTTGCTAAGAAGTTAAAGGAATAAAAAA
GGAGGAACCTTTACTATGAAGTTAATAGAACCTAAGAAGGCATTTGAAATAGAGCCGAGGTCAAAGGCT
GGAAAGTCATCAGGAGAAAAATTTGTTGTGGAAGGGCAACACTTCGCCTGAGATCAAAGGTCTGCCA
CCGTGGAAGAAATGCCTTCTGAAACCAAGCAAAGGCAATTGAAAAGATTGATGATGTTCTTGAGTTGTA
CATGGGAATTCGAGATATTGATTTAGCCACCACAATGTTTGAAGCTGGAAGGACAAAGTAAATCCAGAT
GAATTTGCTGTGGCACTTGACGAAACTTTGGAGACTTTGCGTTCAGACGAATTTGTCTTTGATGTTT
GGGGAGTCATTGGTGTATGCCAAACGAAGAGGATTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG206256 representing NM_017655
 Red=Cloning site Green=Tags(s)

MPLKLRGKKKAKSKETAGLVEGEPTGAGGGSLASRAPARRLVFHAQLAHGSATGRVEGFSSIQELYAQI
 AGAFEISPSEILYCTLNTPKIDMERLLGGQLGLEDFIFAHVKGIEKEVNVYKSEDSLGLTITDNGVGYAF
 IKRIKIDGGVIDSVKTIKVDHIESINGENIVGWRHYDVAKKLELKEELFTMKLIEPKKAFEIEPRSKA
 GKSSGEKIGCGRATLRLRSKGPATVEEMPSETKAKAIEKIDDVLELYMGIRDIDLATTMFEAGKDKVNPD
 EFAVALDETLGDFAFPDEFVFDVWGVIGDAKRRL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_017655

ORF Size: 945 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_017655.3](#)

RefSeq Size: 2838 bp

RefSeq ORF: 948 bp

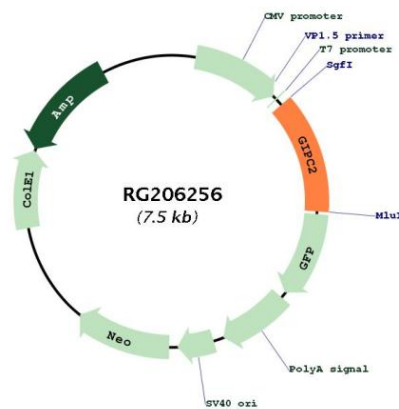
Locus ID: 54810

UniProt ID: [Q8TF65](#)

Cytogenetics: 1p31.1

Domains: PDZ

Product images:



Circular map for RG206256