

## Product datasheet for **RR202420**

### Gipc1 (NM\_053341) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gipc1 (NM\_053341) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Gipc1  
**Synonyms:** Gipc; Rgs19; Rgs19ip1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR202420 representing NM\_053341  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCCACTGGGACTGGGGCGAAGGAAAAAGCACCACCTCTGGTGGAAAATGAGGAGGCGGAGCCAAGCC  
GGAGTGGGCTGGGCGTCGGGAGCCCGGCCCTGGGTGGAAGTGGAGCAGGGGAATCCCAGATGGGTTT  
GCCCCACCTCTGCTTCCCTCCGGCCTCGCTCGTGTCCATACCCAGCTGGCCACGGCAGCCCCACG  
GGCCGCATCGAGGGCTTCACTAATGTCAAGGAGCTGTACGGCAAGATCGCTGAGGCCTTCCGACTACCGG  
CTGCTGAGGTGATGTTCTGTACCCTCAACACCCATAAAGTGGATATGGACAAGCTGCTGGGGGCCAGAT  
CGGGCTGGAGGACTTCATCTTTGCCCATGTCAAGGGCAGCGCAAAGAGGTGGAAGTATTCAAGTCTGAG  
GATGCTCTGGGGCTCACCATCACCAGACAACGGGGCCGGCTATGCCTTCATTAAGCGCATCAAGGAAGGCA  
GTGTGATTGACCACATCCAGTCATCAGCGTGGGTGACATGATTGAAGCCATCAACGGGCAGAGCCTGCT  
GGGCTGTCGGCATTATGAGGTTGCCAGGCTCCTCAAAGAGCTGCCCGAGGCCACCTTCAACCTCAA  
CTCACGAACCTCGGAAGCGTTTGATATGATCAGCCAGCGTTCATCAGGTGGTCAACCTGGCTCAGGCC  
CACAACCTGGGCACTGGCCGAGGGACCCTCCGGCTCCGATCCCGGGGCCCTGCCACAGTGGAGGATCTGCC  
GTCAGCTTTTGGAGAAAAGGCCATTGAAAAGGTGGATGACTTGCTAGAGAGCTACATGGGGATCAGAGAC  
ACAGAGCTGGCTGCCACGATGGTGGAGCTGGGAAAGACAAAAGGAACCCAGACGAACCTGGCAGAAGCTC  
TGGATGAACGGCTCGGTGACTTCGCATTCCAGATGAATTCGCTCTTGTGCTGGGGAGCCATCGGGGA  
TGCCAAGGTTGGCCGCTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR202420 representing NM\_053341  
Red=Cloning site Green=Tags(s)

MPLGLGRRKKAPPLVENEEAPSRSGLVGVEPGPLGGSGAGESQMGLPPPPASLRPRLVFHTQLAHGSPT  
 GRIEGFTNVKELYGKIAEAFRLPAAEVMFCTLNTHKVDMDKLLGGQIGLEDFIFAHVKGQRKEVEVFKSE  
 DALGLTITDNGAGYAFIKRIKEGSVIDHIQLISVGMIEAINGQSLLGCRHYEVARLLKELPRGRTFTLK  
 LTEPRKAFDMISQRSSGGHPGSGPQLGTGRGTLRLRSRGPATVEDLPFAFEKAIEKVDDLLESYMGIRD  
 TELAATMVELGKDKRNPDELAELDERLGDFAFPDEFVFDVWGAIGDAKVGRY

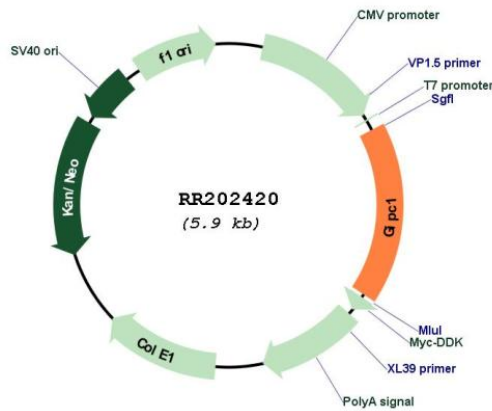
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_053341

**ORF Size:** 999 bp

|                               |   |
|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | 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. <a href="#">More info</a>  |
| <b>OTI Annotation:</b>        | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.  |
| <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>                | <a href="#">NM_053341.1</a> , <a href="#">NP_445793.1</a>   |
| <b>RefSeq Size:</b>           | 1607 bp   |
| <b>RefSeq ORF:</b>            | 1002 bp   |
| <b>Locus ID:</b>              | 83823   |
| <b>UniProt ID:</b>            | <a href="#">Q9Z254</a>  |
| <b>Cytogenetics:</b>          | 19q11   |
| <b>MW:</b>                    | 36.1 kDa  |
| <b>Gene Summary:</b>          | involved in linking RGS (regulator of G-protein signaling) proteins to protein degradation [RGD, Feb 2006]  |