

Product datasheet for **RR200714**

Gipc3 (NM_001109282) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gipc3 (NM_001109282) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Gipc3
 Synonyms: RGD1563255
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RR200714 representing NM_001109282
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACAGTGCTGCGCCCCGCGAGCCCCGGGGCCACCGAGCCCCCGGCCGCGCGCCCCGCGCCTAGTGT
 TCCGCACGCAGCTGGCGCACGGCAGCCCGACTGGCAGGATCGAGGGCTTCACGAACGTCCGAGAGCTCTA
 CGCCAAGATCGCGGAGGCCTTCGGCATCGGCCTACTGAGATCCTATTCTGCACCCTCAACAGTCACAAA
 GTGGACATGCAGAAGTTGCTGGGGGACAGATTGGGCTAGAAGACTTCATCTTTGCGCACGTGCGTGGAG
 AGACCAAAGAAGTGGAGTTACCAAACGGAGGACGCTCTAGGACTGACCATTACAGACAACGGGGCTGG
 ATACGCCTTCATCAAGAGAATCAAGGAAGCAGCATTATCAACAGGATTGAGGCGGTGTGCGTGGGGAT
 AGCATCGAGGCCATCAATGACCACTCTATTGTGGGCTGCCGGCACTACGAGGTGGCCAAAATGCTACGGG
 AACTGCCCAAATCTCAGCCCTTCACCCTGCGTCTAGTGCAGCCCCGGAGAGCCTTCGATATGATTGGTCA
 GAGGAGCAGGAGCAGCAAGTGTCTGTGGAAGCTAAAGTGAAGCAGCGGGAGGGAGACCCTGCGCCTGCGC
 TCAGGGGGCGTGCCACTGTGGAAGAGCGCCAGCGACGTGGAAGCGGAGCGCGCAGGGTGGACG
 ACCTACTGGAGAGCTACATGGGCATCCGAGACCCCGAGCTGGCGGCCGCGGTGGTGGAGACTGCTCGGAG
 CTCGGTGGGAGCCAGGCCTTCGCACCGGCCTGGACGCTGTTCTGGGCGAGTTTCGCTTCCAGACGAG
 TTCGTGGTGGAGGTGTGGCAGCCATCGCGAGGCCACGACGCTTGTGGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR200714 representing NM_001109282
 Red=Cloning site Green=Tags(s)

MDSAAPREP GATEPPARARPRLVFR TQLAHGSPTGRIEGFTNVRELYAKIAEAFGIAPTEILFCTLNSHK
 VDMQKLLGGQIGLEDFIFAHVRGETKEVEVTKTEDALGLTITDNGAGYAFIKRIKEGSIINRIEAVCVGD
 SIEAINDHSIVGCRHYEVAKMLRELPKSQPFTLRLVQPRRAFDMIGQRSRSKCPVEAKVSSGRETLRLR
 SGGAAATVEEAPSDVEAAAARRVDDLLESYMGIRDPELAAA VVETARSSVGAQAFARGLDV LGEFAFPDE
 FVVEVWAAIGEAHDACC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001109282

ORF Size: 891 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_001109282.1](#), [NP_001102752.1](#)

RefSeq Size: 1024 bp

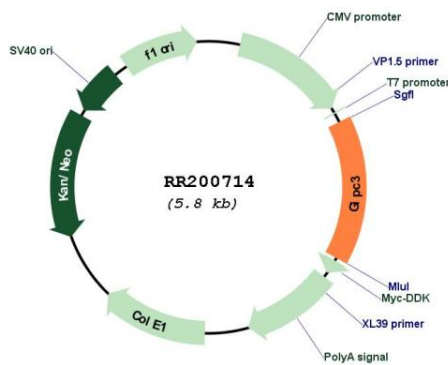
RefSeq ORF: 894 bp

Locus ID: 500789

Cytogenetics: 7q11

MW: 32.1 kDa

Product images:



Circular map for RR200714