

Product datasheet for MR220200

Gipc3 (NM_148951) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gipc3 (NM_148951) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gipc3
Synonyms:	Ahl5; Rgs19ip3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR220200 representing NM_148951 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACAGTGCTGCGCCCGGAGCCCGGGGCCACCGAGCCCCCGCCGCGCGCCCGCGCCTAGTGT
TCCGCACGCAGCTGGCGCACGGCAGTCCGACCGGCAGGATCGAGGGCTTACCAATGTCCGCGAGCTTTA
CGCCAAGATCGCCGAGGCCTTCGGCATCGCTCCTACCGAGATCCTATTCTGCACCCTCAACAGTCACAAA
GTGGACATGCAAAAGTTGCTGGGGGACAGATTGGGCTGGAAGACTTCATCTTTGCACATGTGCGTGGAG
AGACAAAAGAAGTGGAGGTCACCAAAACGGAGGATGCTCTAGGACTGACCATCACAGACAACGGAGCCGG
ATACGCCTTCATCAAGAGAATCAAGGAAGCAGCATTATCAACCGGATTGAGGCTGTGTGCGTGGGGGAT
AGCATTGAGGCCATCAATGACCACTCTATTGTGGGCTGCCGCGACTACGAGGTGGCTAAAATGCTCCGGG
AGCTGCCCAAGTCTCAGCCCTTACCCTGCGTCTAGTGCAGCCCCGGAGAGCTTTTGATATGATTGGCCA
GAGGAGCAGGAGCAGCAAGTGTCTGTGGAAGCTAAAGTGAGCAGCGGGAGGGAAACATTACGCCTGCGC
TCAGGGGGGGTGCCACTGTGGAGGAGCGCCAGCGATGTGGAAGCGGCAGCGCGCAGGGTGGACG
ACCTGCTGGAGAGCTACATGGGCATCCGAGACCCCGAGCTGGCGGCCGCGGTGGTGGAGACTGCTCGGAG
CTCGGCGGGAGCCAGGCTTTCGCACGCGGCCTGGACCCGTTCTGGGCGAGTTTCGCTTCCAGACGAG
TTCGTGGTGGAGGTGTGGCAGCTATCGGCGAGGCCACGACGCTTGTGGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR220200 representing NM_148951
Red=Cloning site Green=Tags(s)

MDSAAPREP GATEPPARARPR L VFRTQLAHGSPTGRIEGFTNVRELYAKIAEAFGIAPTEILFCTLNSHK
 VDMQKLLGGQIGLEDFIFAHVRGETKEVEVTKTEDALGLTITDNGAGYAFIKRIKEGSIINRIEAVCVGD
 SIEAINDHSIVGCRHYEVAKMLRELPKSQPFTLRLVQPRRAFDMIGQRSRSKCPVEAKVSSGRETLRLR
 SGGAAATVEEAPSDVEAAAARRVDDLLESYMGIRDPELAAA VVETARSSAGA QAFARGLD AVLGEFAFPDE
 FVVEVWAAIGEAHDACC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1664_h08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



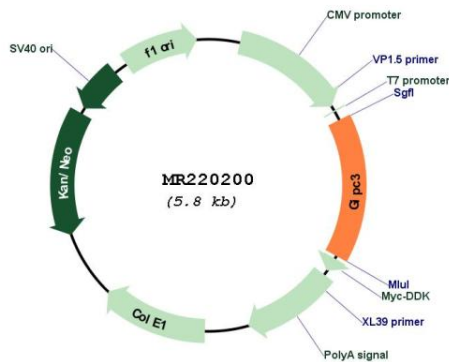
ACCN: NM_148951

ORF Size: 891 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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:	<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_148951.2
RefSeq Size:	1024 bp
RefSeq ORF:	894 bp
Locus ID:	209047
UniProt ID:	Q8R5M0
Cytogenetics:	10 C1
MW:	32.6 kDa
Gene Summary:	Required for postnatal maturation of the hair bundle and long-term survival of hair cells and spiral ganglion.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for MR220200