

Product datasheet for **RR213913**

Guca1b (NM_001108198) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Guca1b (NM_001108198) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Guca1b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR213913 representing NM_001108198
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGACAGCAGTTCAGCTGGGAGGAGGGCGGAGGCTCCGGGGAGATGGATGTGGCAGAGCTGCAGGAGT
GGTACAAGAAGTTTGTCTGGAGTGTCCCAGCGGGACGCTCTTCATGCACGAGTTCAAGCGCTTCTTCAA
GGTCACTGGTAATGAGGAGGCCACCCAGTATGTGGAGGGCATGTTCCGAGCCTTCGACAAGAATGGGGAC
AACACCATTGACTTCTGGAGTATGTGGCGGCCCTGAACCTCGTCTGAGGGGTACCCTGGAACACAAGC
TCAAGTGGACCTTCAAGATCTACGACAAGGACCGCAATGGCTGCATCGACCGCCTGGAGCTACTGGACAT
CGTGGAGGCAATCTACAAGCTGAAGAAAGCCTGCCGAGCAGAGCTGGACCTGGAGCAGCAGGGCCAGCTG
CTCACGCCTGAGGAGTTGTGGACAGGATCTTCTCCTGGTGGATGAGAATGGAGACGGTCAGCTGTCTC
TGACGGAGTTCATTGAAGCGCCCGTCCGGATAAGTGGTAATGAAGATGCTTCAGATGGATGTCAACCC
CGGCGGCTGGATCACTCAGCAGAGGGGAGAAGCGCCATGTTC

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR213913 representing NM_001108198
Red=Cloning site Green=Tags(s)

MGQQFSWEEAEASGEMDVAELQEWYKFFVVECPSTLFMHEFKRFFKVTGNEEATQYVEGMFRAFDKNGD
NTIDFLEYVAALNLVLRGTLKWKTKIYDKDRNGCIDRLELLDIVEIYKLLKACRAELDLEQQGQL
LTPEEVDRIFLLVDENGDGQLSLTEFIEGARRDKWVMKMLQMDVNPGGWITQRRRSAMF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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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:	<u>NM_001108198.1, NP_001101668.1</u>
RefSeq Size:	1677 bp
RefSeq ORF:	606 bp
Locus ID:	316218
Cytogenetics:	9q12
MW:	23.5 kDa