

Product datasheet for **RR201984**

Guk1 (NM_001013115) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Guk1 (NM_001013115) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Guk1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR201984 representing NM_001013115
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCTGCGGCGCCGCTGGTCGGCTGGCGGTGGCCGCCCTGGGTCGCGTTCCTCCGTGGACGGCATGGCAG
GACCTAGGCCAGTAGTGCTGAGCGGGCCATCAGGGGCAGGGAAGAGCACTCTGCTCAAGAAGTTGTCCA
GGAACATGGCAGTGTCTTTGGCTTCAGCGTATCCACACTACAAGGAACCCAGCACTGGCGAAGAAGAT
GGCAAAGATTACTACTTTGTGACCAGGGAGATGATGCAGCGTGATATTGCAGCAGGGGACTTCATTGAGC
ATGCTGAGTTCTCAGGGAACCTGTATGGACAAGCAAGGAAGCCGTCGGGCTGTGCAGGCCATGAACCG
CATCTGCGTGCTAGATGTCGACCTACAAGGAGTGCGCAGCATCAAGAAGACTGATCTGCATCCCCTAC
ATCTCTGTGCAGCCTCCCTCGATGGACGTGCTGGAGCAACGACTGCGGCAGCGCAACACTGAGACTGAGG
AGAGCCTGGCAAAGCGGCTGGCAGCTGCACAGGCAGACATGGAGAGCAGCAAGGAGCCTGGCTTGTGGA
CCTGGTGATCGTCAATGACAACCTGGATGAAGCCTATGTTACACTGAAGCAGGCACTGTCTGAGGAAATC
AAGAAAGCTGAGGGAACGAACATGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR201984 representing NM_001013115
Red=Cloning site Green=Tags(s)

MLRRPLVGLAVAALGRVPVDMAGPRPVVLSGSPGAGKSTLLKFLQEHGSVFGFVSHTTRNPRPGEED
GKDYYFVTREMMQRDIAAGDFIEHAIEFSGNLYGTSKEAVRAVQAMNRCVLDVLDLQGVRSIKKTDLHPIY
ISVQPPSMDVLEQRLRQRNTEETESLAKRLAAAQADMESKEPGLFDLVI VNDNLDEAYVTLKQALSEEI
KKAEGTEHA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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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_001013115.2, NP_001013133.2</u>
RefSeq Size:	963 bp
RefSeq ORF:	660 bp
Locus ID:	303179
Cytogenetics:	10q22
MW:	24.1 kDa