

Product datasheet for MR217282

Ly6g6c (NM_023463) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ly6g6c (NM_023463) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ly6g6c
Synonyms: 1110003M04Rik; AU016360; G6c; NG24
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR217282 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAACACCTCCTGTTGCTCACCTGTCTGCCCTACTCTACTGCTGGTCTCAGCTGATACTCGATGTC
 ACTCCTGTACAAAGTCCCTGTGCTGGGCTGTGTGGATCGCCAGTCTGCCGCCTGGAGCCGGGCCACAA
 ATGCCTGACAACAAACGTGTACCTTGGGAAGATGTGGTCTTCTAACCTGCGCTGCGGCACACCAGAA
 GAGCCTTGTGGGAGGTCTTCAACGAAACCAACCATAAGCTGGGCTGAACTACAACACCACCTGCTGTG
 ACAAGGATAACTGTAACAGCCCGCTCCACGGCCACACCCGCACTGGCCCTCATCTCCCTCACCTCCT
 GGCTGGCCTCGGCTCTGGTTATTGCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR217282 protein sequence
 Red=Cloning site Green=Tags(s)
 MKHLLLLTLSALLYCWVSADTRCHSCYKVPVLGCVDRQSCRLEPGHKCLTTNVYLGKMWVFSNLRCGTP
 EPCREVFNETNHLGLNNTTCCDKDNCNSPAPRPTPALALISLTSAGLGLWLLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: NM_023463

ORF Size: 381 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_023463.3](#), [NP_075952.1](#)

RefSeq Size: 960 bp

RefSeq ORF: 381 bp

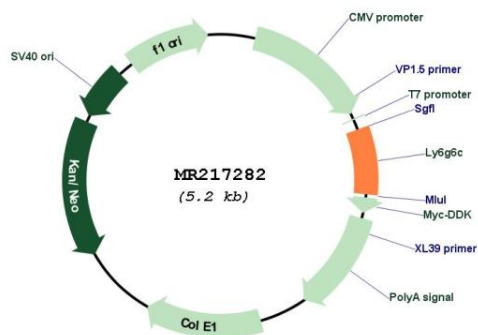
Locus ID: 68468

UniProt ID: Q9Z1Q4

Cytogenetics: 17 B1

MW: 14.1 kDa

Product images:



Circular map for MR217282