

## Product datasheet for **MC217364**

### Gk5 (NM\_177352) Mouse Untagged Clone

#### Product data:

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                    |
| Product Name:      | Gk5 (NM_177352) Mouse Untagged Clone   |
| Tag:               | Tag Free                               |
| Symbol:            | Gk5                                    |
| Synonyms:          | AV095337; C330018K18Rik; G630067D24Rik |
| Vector:            | pCMV6-Entry (PS100001)                 |
| E. coli Selection: | Kanamycin (25 ug/mL)                   |
| Cell Selection:    | Neomycin                               |



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**Fully Sequenced ORF:** >MC217364 representing NM\_177352  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGTCAGGGCAGCAGGAGCGTGCAGAGCGGCAGCGAGAGGAACTGAGCGCGTCGGCTCGCCGCCCTCCC  
GCTTCGTGCTGGGGCTGGACGTGGGCAGCACGGTGATCCGCTGCCACGTCTATGACCAGACGGCGCGAGT  
GCGAGGCTCCAGCGCGCAGAAGGTAGAAAATGTTTACCCTCAACCTGGCTGGGTTGAAATCGATCCTGAT  
TCTCTCTGGGCTCAGTTTGTTCGCGTAATAAAAGATGCTGTCAAAGCTGCAGGGTGCAGATGAATCAAA  
TTGTGGTCTTGGCATATCAACACAGAGAGCCACTTTCATTACATGGAACAAGAAAACAGGCCATCATT  
TCACAACCTCATTAGCTGGCAAGACCTAAGGGCAGCTGAACTTGTAAAGTCTGGAATAATTCTCTCATA  
ATGAAGCTATTGCATGGGGCCACCCGAGTCTTCAATTTCTCAGTAGAAGTAAAGTAATGCTAACGGTCA  
GCCGCTTCAATTTAGCACCCAGCATGCCACCTTAAGATTGACCTGGATTTTACAAAACCTATCTGAGGT  
GAAAAGGGCAGTTGAAGAAGACAATTGTTGCTTTGGGACGATTGATACCTGGCTGTTATACAAGCTCAG  
AAAGGTTCTTCTACGCCACGGATTATTCAAATGCCAGCACCACTGGATTTTTGATCCCTATGCGATGC  
GCTGGAGCAGGCTCATAACCACCATGGTCTCCATCCCCTGTCTATCCTGCCTCCTGTGAAGGATACCAG  
CTATAATTTGGATCAGTGGATGAGAAGATATTTGGCGTGCTATACCAGTTGTTGCCTTGGTTGGTGAC  
CAGCAGTCGGCCATGTTTGGAGAGTGCTGCTTCGAGACGGGAGATGTGAAGCTAACCATGGGAACTGGAA  
CATTTTTGGATATCAATACTGGAAAAACCTTCAGCATGTTAATGGAGGCTTTTTATCCACTAATTGGATG  
GAAGATTGGGCAAGAACTTGATGTTTAGCTGAAGGCAATGCAGGAGACACGGGCACCGCCATAATGTGG  
GCTCAAAAATTAGATCTCTTCACAGACGCTGCTGAGACTGAAAAAATGGCCCTGAGCCTGGAAGATTCTG  
AAGGGTTTACTTTGTTCCGTCGTTTGTGGATTACAGGCTCCATTAATGACCCCTGTGCTGTGCCTC  
TTTTATGGGTTTGAAGCACTCCACTAATAAATACCATCTTGTCCGAGCAATATTGGAGTCAATAGCTTTC  
AGGAACAAACAGTTGTACGACATGCTGCAGAGAGAAATCCAGATTCCCGTCACGAACATCCGGGCAGATG  
GAGGCGTGTGTAACAACGCTTTCGTCATGCAGATGACTTCAGACCTGATAAATGAGAAGTAGACAGACC  
TGCCCACTTCGACATGCTGCTTGGGGCAGCCTCTCTGGCTGGCTCGCTGTTGGATTTTGGGCGGAC  
AAGGAAGAGCTCCAGAAGCTGAGGCAAAGCGAGATGGTTTTCAAGCCTCAGAAGAAGTGGCAGGAATACG  
AGGCATTT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_177352

**Insert Size:** 1551 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**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\\_177352.4](#), [NP\\_796326.1](#)

**RefSeq Size:** 2746 bp

**RefSeq ORF:** 1551 bp

**Locus ID:** 235533

**UniProt ID:** [Q8BX05](#)

**Cytogenetics:** 9 E3.3