

## Product datasheet for **MC219733**

### **Pogk (NM\_175170) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pogk (NM_175170) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pogk
Synonyms:	9130401E23Rik; BASS2; mKIAA1513
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219733 representing NM\_175170  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAATCTGGA AACCCAGAAATGGAGTCCCGGCCCTACCTCTGAATTTGACCCTGAAAGAAGAGCAAA  
 AGGAGGAAGAGGTTGAGATCCAAGAGTTGGAGGATGGCCCATAGATATGCAGAAAGTACAAATCTGCTC  
 AGAAGGCGCATGGGTACCAGCTCTATTTGATGAGGTGGCCATATATTTCTCAGATGAGGAGTGGGAAGTT  
 CTGACAGAGCAACAAAAAGCCCTCTACCGGAAGTCATGAGGATGAATTATGAGACTGTCCTGTCCCTGG  
 AATTCCTCCATTCCCAAGCCAGATATGATCAATCGGTTGGAAGGGACGAGGAGTGTCTAATTCTGATGA  
 GTGGCGGCTCCAGGGAGTAACCTTTGCAGAAAATGAAGAATCTGACTTTAGGACTCCAGATTGGGCAAGC  
 CCGACGAATGCCACCTCCATTTTCTCAACCTCAGCCCTTCAACAGCTTTGGCCTGCGTCTGCCTCAGG  
 ACATCACTGAAGTGCCTGAGTGGACTGAGGGCTACCCCTTCTATATGGCCATGGGCTTCCCGGGTATGA  
 CCTCTCAGCTGACGACTTGGCGAGCAAGTTTCAGTTCAGTCGTGGCATGCCCGCAGTTATGATGCAGGG  
 TTCAAGCTGATGGTGGTGGAGTACGCCGAGAGCACCAACAACGTGTCAGGCTGCCAAGCAGTTTGGGGTGT  
 TGGAAAAAATGTTTCGAGACTGGCGCAAAGTGAAGCCACAGCTCCAAAATGCTCATGCCATGCGCGGGGC  
 ATTCGAGGCCCAAGAAATGGAAGGTTTGTCTGGTAGACCAGCGAGTGGCTGAGTATGTCAGATACATG  
 CAGGCCAAAGGGGACCCTACTAGGGAGGCAATGCAGTTGAAAGCTCTTGAATCGCCAGGAAATGA  
 ACATTCAGAGAAAGGGTTCAAGGCAAGTCTGGGCTGGTGTGGAAGAATGATGAGAAGGTATGACCTGTC  
 TCTGAGGCATAAAGTGCCAGTCCCTCAACACCTGGCCGAGGACCTGACTGAAAAGCTTGTCACTTACCAG  
 CAGAGTGTGCTGGCTCTGCGCAGGACACAGACTATGAAGTGGCCAGATGGGCAATGCAGACGAGACGC  
 CCATCTGCTTAGAAGTCCCTCTAGAGTACTGTTGACAACAGGGCGAAAAGCCCATCTTGGTCAAGAC  
 ACCAGGCAGGGAGAAATTGAGGATCACAGCCATGCTGGGGTCTTGGCTGATGGGAGGAAGTTACCACCG  
 TACATCATTTTGGAGGGAACATACATCCCCCTGGGAAGTTTCCAGTGGCATGGAGATCCGCTGCCACC  
 GCTACGGATGGATGACTGAGGACTTGTGCAAGACTGGTTGGAAGTTGTGTGGAGACGGAGAAGTGGAGC  
 TGTGCCAGACAGCGAGGGATGCTGATCCTGAATGGCTTCCGGTGCCATGCCACTGACTCTGTGAAGAGT  
 TCCATGGAGAACATGAACACGGACATGGTATCATCCAGGGGGCCTGACCTCCAGCTGCAGGTGCTGG  
 ATGTCGTTGTCTACAAGCCTCTGAACGACAGCGTTCGGGCCAGTATTCCAAGTGGCTTCTGGCTGGGAA  
 CCTGGCACTCAGCCCACTGAAATGCTAAGAAGCCCCCTGGGCTCTTCTGGAGTGGATCATGGTT  
 GCATGGAACAGCATCTCAAGTGAATCAATTGTCCAGGGGTTCCAGAAAGTCCACATCTCCAGCAACTTAG  
 AGGACGAAGGTGACGTCCTCTGGAAATCGAGGGCGAGTTGCCCAAGAACCGCCAAAAGATGTGGTCC  
 TGAAGTGTGGCTGAGGGT**GACTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_175170
- Insert Size:** 1845 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\\_175170.4](#), [NP\\_780379.2](#)

**RefSeq Size:** 7385 bp

**RefSeq ORF:** 1845 bp

**Locus ID:** 71592

**UniProt ID:** [Q80TC5](#)

**Cytogenetics:** 1 H2.3