

Product datasheet for **MC219787**

Pogk (NM_001142948) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pogk (NM_001142948) 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: >MC219787 representing NM_001142948
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGGCCACAGCCTTCGTCGCCCTTTCGCGGACGCCGCCGCTCGCCGGGAAATGGAGTCCCGGG
 CCTACCCTCTGAATTTGACCCTGAAAGAAGAGCAAAAGGAGGAAGAGTTGAGATCCAAGAGTTGGAGGA
 TGGCCCCATAGATATGCAGAAAGTACAAATCTGCTCAGAAGGCGCATGGGTACCAGCTCTATTTGATGAG
 GTGGCCATATATTTCTCAGATGAGGAGTGGGAAGTTCTGACAGAGCAACAAAAAGCCCTCTACCGGGAAG
 TCATGAGGATGAATTATGAGACTGTCTGTCCCTGGAATCCCATCCCCAAGCCAGATATGATCAATCG
 GTTGAAAGGGACGAGGAGTGTCTAATTCTGATGAGTGGCGGCTCCAGGGAGTAACCTTTGCAGAAAAAT
 GAAGAATCTGACTTTAGGACTCCAGATTGGGCAAGCCCGACGAATGCCACCTCCCATTTCTCAACCTC
 AGCCCTTCAACAGCTTTGGCCTGCGTCTGCCTCAGGACATCACTGAAGTCCCTGAGTGGACTGAGGGCTA
 CCCCTTCTATATGGCCATGGGCTTCCCGGGTATGACCTCTCAGCTGACGACTTGGCGAGCAAGTTTCAG
 TTCAGTCGTGGCATGCGCCGAGTTATGATGCAGGGTTCAAGCTGATGGTGGTGGAGTACGCCGAGAGCA
 CCAACAACGTGTCAGGCTGCCAAGCAGTTTGGGGTGTGGAAAAAATGTTTCGAGACTGGCGCAAAGTGAA
 GCCACAGCTCCAAAATGCTCATGCCATGCGCGGGGCAATCCGAGGCCCAAGAATGGAAGTTTGTCTGTG
 GTAGACCAGCGAGTGGCTGAGTATGTCAGATACATGCAGGCCAAAGGGGACCCTATCACTAGGGAGGCAA
 TGCAGTTGAAAGCTTTGAAATCGCCAGGAAATGAACATCCAGAGAAAGGGTTCAAGGCAAGTCTGGG
 CTGGTGTGCAAGAATGATGAGAAGGTATGACCTGTCTCTGAGGCATAAAGTCCAGTCCCTCAACACCTG
 GCCGAGGACCTGACTGAAAAGCTTGTCACTTACCAGCAGAGTGTGCTGGCTCTGCGCAGGACACACGACT
 ATGAAGTGGCCCCAGATGGGCAATGCAGACGAGACGCCCATCTGCTTAGAAGTCCCCTCTAGAGTACTGT
 TGACAACCAGGGCGAAAAGCCCATCTTGGTCAAGACACCAGGCAGGGAGAAATTGAGGATCACAGCCATG
 CTGGGGGTCTTGCTGATGGGAGGAAGTTACCACCGTACATCATTTTGGGGGAACATACATCCCCCTG
 GGAAGTTTCCAGTGGCATGGAGATCCGCTGCCACCGCTACGGATGGATGACTGAGGACTTGATGCAAGA
 CTGGTTGGAAGTTGTGTGGAGACGGAGAACTGGAGCTGTGCCAGACAGCGAGGGATGCTGATCCTGAAT
 GGCTTCCGGTGCCATGCCACTGACTCTGTGAAGAGTTCCATGGAGAACATGAACACGGACATGGTATCA
 TCCCAGGGGGCTGACCTCCCAGCTGCAGGTGCTGGATGTCGTTGTCTACAAGCCTCTGAACGACAGCGT
 TCGGGCCAGTATCCAAGTGGCTTCTGGCTGGGAACCTGGCACTCAGCCCCACTGGAAATGCTAAGAAG
 CCCCCCTGGGCCTTCTCTGGAGTGGATCATGGTTGCATGGAACAGCATCTCAAGTGAATCAATTTGCC
 AGGGGTTTCAGAAAGTGCCACATCTCCAGCAACTTAGAGGACGAAGGTGAGTCTCTGGGAAATCGAGGG
 CGAGTTGCCCAAAGAACCGCCAAAAGAATGTGGTCTGAAAGTGTGGCTGAGGGTACT**GATGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001142948

Insert Size: 1881 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_001142948.1](#), [NP_001136420.1](#)

RefSeq Size: 7051 bp

RefSeq ORF: 1881 bp

Locus ID: 71592

UniProt ID: [Q80TC5](#)

Cytogenetics: 1 H2.3