

Product datasheet for **MC216512**

Poteg (NM_027618) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Poteg (NM_027618) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Poteg
Synonyms:	4921537P18Rik; 4930456F22Rik; Gsharp1; Gsharp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216512 representing NM_027618
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCCTTTTCCATGAAGAAGATCTTTGGGGCTAAGGAAAAGACACCCTTGGGTTCTGTGATGCCCCAC
AAATGACTGTCTCTGAGTTTTTCTTCGGTGAAAAATCCAAACTATCCGAAATACCATACAACATACAGACC
GTTGGGGCATATTCACAGGGTTGCTGCTGAGGGTGATGCAGCCGGATGGAGATTCTCTCACGCTTGGA
CAATGCAACGTGTACCACAGAGACCGAAGGACAGGACAGCTTTGCACCTTGCCTGTGTCTATGGCCGGC
TACCAGTAGTGACCATTCTAGTGAAGAATAATTGTGAGATCGATGCCTTGGACAAGAACCATACCACACC
TCTGATGAAGTCTGTCCAATGCTGGAAGCAGAAATGTGCGACCGTGTCTGGAGCACGGCGCTGATCCG
AACATTAGAGACAGCAGTGGCAACAGTGCCTTGCCTACGCTGTGTACAACGGGCATCAGGAGATGGCT
CCCTACTGCTTCAGTACAACGCTGATATCGAACAAAAACCAAGGATGGCTTACACCACCTGTTGCTGGC
ACTCCGAGAAAAGCGGGTGGAGGTGGCAGAGTTTTTGTAGTGAAGATGGGAGCAGACATACAGTGGTAGAT
GAGCTGCAAAGAAACACCTTGATATACGCTATAAGATGTGGATCAAAGATCTGTCTGTATTACTCCTTG
AGAAAGGTATTGACTTCTTCTATAAGGATGTCTTCGGATGGACAGCATTACGCTACGCTATTGAAGGCCA
CTGTACTTTTAGACAGACACTTCTGGATTTTGAAGAAAGTCTACATAGTAACAAAAAGATAAGGAACCA
GAACTACAAGTGGAGCCAGTACCTCCTGCATTTTAGCAAAACAATAGATGCTGGAAATGACTCACTAG
CAAGGATCTCCAGCTGTCTAGCCCTGAGACTCCTGTGCTTACAATGAAGGAAGACGAGAACAGTGTGTC
CAGGAGTAACCGAGAGCAAGCCTCCTAACTGTGCTGGCAATTCACCGCGGCTATAGACAAAGCATT
GGAAATAGAGGAAAAAGAACTGTGGAAGCATGGGTTGAGAAAGATCCATCTTCAGAGTCTGCTGCCGAAG
TCAGAGACTCTGTTACAAATGAAGCAGTGGAAAGGATCAAGCTGTTGCCTTCAGAAACAGAGTTAGAATT
GATGTCAGTAGAAGAAGATGTGTCTCATGAAAGTGAAAAATGACCACCCTTTGAGAGAATCGGAGCATCTT
CCAAAGATCAAGTTGGCCATTCTCTGTTAGGATATCAAATGGGAAAAATGAATATAAATCGACAAA
TGAAAGGTAGGATTAACATTTTATTAATAAATTTATGTGATCACTTACTTATTCAAACAGGTCAGTGTTA
CATGATACTAAAACATTAT**TGA**

ACCGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_027618

Insert Size: 1422 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_027618.1, NP_081894.1
RefSeq Size: 1706 bp
RefSeq ORF: 1422 bp
Locus ID: 70952
Cytogenetics: 8 A2