

Product datasheet for **RN216471**

Pstk (NM_001271229) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pstk (NM_001271229) Rat Untagged Clone
Tag: Tag Free
Symbol: Pstk
Synonyms: RGD1564300
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216471 representing NM_001271229
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGAACCGCAGCAGGTTATGGGGCTACTCACAGCGACGGGCGGCTAAGCTGGGACTGTGCGTCCTCT
GCGGCTTGCCGGCGCCGAAAGTCGACTTTTGCTCGTCTGGCTCTGCGGTTGCAGCGGGAGCGGGG
TTGGGCGGTAGCCGTCTCTCTATGACGATGTGCTGCCTTTGCGCTCCCGACGGCGCGGCACACAG
CCTCGGCCATCCCAGTGGAAAATGTTCCGACAAGAAGTAAAGCACCTGGAATGCTTCTTGGTAGCGG
TCATCACTGGGGCTCAGATGTCTGCCCCACCAACAGGACTGAGGCCATGTGGGAAGATTTATAACCTG
CTTAAAAAGGCAGGATTTGATGATCTTTTCTGAAGCGCTAGAGGCCAGCCTTGCCATCTTTGGCAAAA
CCTGCTGTTTTAGACCTTTGTTTTGGTGTAGATGACAACCTTTTATTACCAAAGTATGAGATATGAAG
TCTACCAACTGGCTCGGAAATTCAGTGGCTTTTGCCAGATCTTTTAGATTGCCGTGAAACATG
TTTGAAGAGGAATGGCCAGAGACCCCAACCACTGCCAGATGAGACCATCCAGCTCATGGAGAGAAAGATA
GAAAAACCAACCCTGAGAAAAACGCTGGGAACACAACAGCCTCGTAATTCAGAGTTCAGCCTGTTCTT
CGGAAGCCAGCCTGGAGGTGACTGATTTGTTGCTTACTGCTTTGGAAAATCCCATAAAATGTGTTGAGGA
TAATACGGAACAAAAGGAACTGACAGAATAATCTGTTCTACTAACATCCTTCATAAAGCTGATGAGACC
CTCCGAAGAACCATCTCTCAGACGATGAGGGAAGCCAAAGATGAACAAATACCTCTACTAACCTGAAGC
GTCTAGCAGAAGAACTTAAACAGCTCAAAGCAGATGTGTTAGAAGATCTAAGACAAGGAGACAGAAAATA
CCTGTGCTTTCAGCAAACCAGGACTTACCAGATGTTATTTCTTCTTTTGAAGGAGAGAGATACCATT
GTGCAGAAGTATTTTTCAAAGCAACAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271229



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Insert Size:	1080 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001271229.1, NP_001258158.1</u>
RefSeq Size:	1138 bp
RefSeq ORF:	1080 bp
Locus ID:	361661
Cytogenetics:	1q41