

Product datasheet for **RN217066**

Pus7 (NM_001170589) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pus7 (NM_001170589) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pus7
Synonyms:	RGD1307054
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217066 representing NM_001170589
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGATGACAAGTGTGTCCCTGAAACGCGGGTGCCTCGTTGTGGAAGATAACGACAGTGTGACCCAC
 ATGAGGAGACGAAGAAACAAGGTGTCTGAGGGCTGTGTGACCAACAGTCCGGACGGGGTGGAGAGTGA
 CAGTCTTCACAGCAGTGAGACCAAGCCGGGCCCCAGAAGCGAAAGCACCTTGAAAGATGGCGAGAAC
 TCCGGTGTCTCAGGTGCAGGAGGAAGAGGAGGAGGAGGAAGAGGACGGCCTTCGAGGACAGGGGAAG
 AGGAGGAGCCAGAGAGCTTTGCGGACATGATGAAGCATGGGCTCACCGAACTTGATGTGGGCATCACCAA
 GTTCGTGAGTCTCATCAGGGCTTCTCGGGATCTTAAAAGAAAGATACTCTGACTTCGTGGTTCATGAA
 ATCGGGAAGGATGGGCGGATCAGCCATTTGGATGACTTATCTGTTCCAGTGGACGAAGAGGACCCTCCAG
 AAGATGCCCTCACTGTCTTGACAGCTGAGGACAGGCAGCAGTTGGAGGAGCTCCAGCTTTTCAAAAATAA
 AGAAACAGTGTGCCATCGAGGTCAATGAGGACACCAAAAGAGAAACGAACCATCATCCATCAAGCCATT
 AAATCTCTCTCCAGGACTAGAGACAAAAACAGAGGAGAGAGGGGAAGAGATACATTGTAGCCTACC
 ATGCTGTGGCAAGAAGGCTTTGGCAAATCCAAGAAAACATTCTTGCCAAAATCCCGGGGAAGTACTG
 CCACTTTGTTCTTACAAGGAAAACAAAGACACCATGGACGCCATCAATGTGTTGTCCAAGTATCTGCGG
 GTAAAACCAAACATATTCTCTATATGGGAACCAAGACAAAAGGGCTATCACAGTCCAGGAGATCGCTG
 TTCTCAAATAAGTGCACAAAGGCTTGCCACCTGAATAAGTGCCTGATGAACCTTAAGTTAGGCAATTT
 CAGCTATCAGAAAACCCCTCTGAAGTTAGGAGAGCTTCAAGGAAACCACTTCACTGTCTGTTCTCAGGAAT
 ATAACGGGAACGGATGAACAAGTGCAGCAAGCCATGCATTGCTGCAGCAGACCGGCTTCATCAACTACT
 ACGGCATGCAGAGGTTTGGGACCACGGCTGTTCTACGTACCAGTCCGGAAGGCAATTTACAGAATTC
 CTGGACAGAAGTCATGGATTTAATACTGAAACCCCGCTCTGGAGCTGAGAAGGGTTACTTGGTGAATGC
 AGAGAAGAGTGGCCAAGACCAAAGACCCAGCCTCTGCCCTCAAAAAGCTACCCGTCAAAAGGTGTGTGG
 AAGGGCAGCTGCTTCAGGACTTTCAAAGTATGGACTGAAGAATATAGTCTCTGCGTTTGGCATAATACC
 AAGAAACAACCGTTAATGTACATCCACAGCTACCAGAGTTATGTGTGGAATAGCATGGTGGAGCAGGAGA
 ATCGAGCTGTATGGGCTGAAGCCTGTGCCGGGGACCTCGTGCTCAAAGGAGCCACGGCCACCTATATTG
 AGGAAGATGACATTAATAACTACTCCATTCACGATGTGGTATGCCTTTGCTGGCTTTGATGTCATCTA
 CCCCAAACATAAAATTAGCGAGGCTACAGGGAATGCTTGCCGACAGACAACCTTGATATTGACAACATG
 AGACACACGATTGAGATTACTCCTTATCGGGGCTACCGAAAGATCATCATCCGACCTCAGAGCGTCA
 GCTGGGAAGTGGTTGCATACGATGATCCAAAATTCACCTTTTCAACACGGATGTGGACAACCTCGAGGG
 GAAACCACCACAGTCTTTGCTTCTGAAGGCAGATACAGGGCTCTGAAGATGGACTTCTCTCTCTCC
 TCTACTTACGCCACCATGGCCATTGAGAAGTGCTCAAAATGGACACCAGCATCAAGAACCAGACCCAGC
 TAAACACGAGCTGGCTGCGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001170589

Insert Size: 1983 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_001170589.1, NP_001164060.1</u>
RefSeq Size:	2464 bp
RefSeq ORF:	1983 bp
Locus ID:	296751
Cytogenetics:	4q11