

## Product datasheet for **RN211331**

### **Dok7 (NM\_001130062) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dok7 (NM_001130062) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dok7
Synonyms:	RGD1566416
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN211331 representing NM\_001130062  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCTGGTCTACAAGACAGGTGTGAACGTTCAAAGGCCCTGCGGAGCGCAGCAGCCTCACCTGGAGG  
ACATCTGTGGCCTGGAGCCTGCCCTGCCCTATGAGGGCCTGGCCACACCCTGGCTATCATCTGCCTGTC  
TCAGGCCATCATGCTGGGCTTTGACAGCCACGAGGCCATGTGTGCTGGGACACTCGTATCCGCTATGCA  
TTGGGCGAGGTGCATCGTTCCATGTGACGGTAGCTCCTGGCACAAACTGGAGAGTGGTCCAGCCACTC  
TTCATCTCTGCAATGACATCCTGGTCTGGCCAGAGACATCCCTCCAAGTGTACGGGGCAGTGGAAAGTT  
GTCTGATCTCCGGCGTTATGGGGCTGTGCCAAATGGATTATCTTTGAAGCGGGACCAGGTGTGGGTAC  
TGGGCTGGAGTCTTCTTCTGCTCAGCTGAGGGAGAGCAGATCAGTTCCTGTTTGACTGCATTGTCC  
GAGGCATCTCCCAACCAAGGCCATTGGGGCTTCGGCCAGTTCCTCCAGACCAAGTTCGGGGGACC  
CTCAGCCTCAGAAGAGCGTGTGCCAGGAAGCACTGGAGGCCCTGCAGCTAGAGAAGAGGCTCAGCCTG  
CTTTCACACTCTGGCCGGCCAGGCACTGGAGGGGATGATCGAAGTCTATCCAGTTCCTCTTCTGAGGCCA  
GCCACTCAGACATCAGCGCCAGCAGCCGGCTCACTGCATGGCCAGAGCAGTCTCGTCTCAGCCAGCAC  
ATCGAAGAAGGACCAGGGCTGGTGGCTGCCAGGGCCAGGGGAAGCCATGCTGGGAGCCTCAAGGCCA  
CCCCTCAAGCCACTGCGGCCTCGGCAGTTACAGGAGGTTGGCCGCAGAGCTCCTCTGACAGTGGCATTG  
CCACAGGCAGCCACTCCTCTACTCTGGCAGTCTCATCCTATGCGGGCAGCAACCTGGACGTGTGGCG  
GGCTGGCGAGGAATTCGGTCTCTGCTCAGCCTGCCCCCTGGAGCCAGCGCACCTGAGCCAGACTGTGC  
GCCTGCCACCTGGGGCGGCCGAGTACCAGGTGCCCACTTATTGCGACACCACTACGACACACCTCGAA  
GCCTAGCCAGGCCCCAGAGACCAAGCCCCGCTCTCAGGGCGGCTCTGACCACAGTTCAGTACAGA  
CTCGGGTGGTCAGGCACCCACGGGGTCTCCCTCCAGTTGTCTGGGAGCTCGAAGACGGGGCAGGCAACG  
GAAGGCCAGGCAGTGAAGCTGTGCTGCCAGTCCATCCCTGGCGAGTCTGGGAAGCAGGCAGCCCTC  
ATACTGGGCCACCTCCAGCTTTCTTTTGTCTTGTTCATCTGTGGCGGACTCAAGGTACAGGCTACTTC  
ATCCACTGGACTCACTGTGACGCATCCAGGATCCCCAGGGGTGGCTGCTGACAGCCCTGGCCTGAACGA  
CCACACGGCGAGACGCCACGTATGTGAATATCCCCATCAGCCCCACCTCCAGACTGCAGCTGCATTACA  
TGGACCTAGAGCTCTCGGGAGCCAGTGGGGTGTGCGAGGGGTGACGCGCTCCCGCTATGCACAGATTGA  
CATCACAGCTACGGAGACGGCACATCGCGTAGGGTCCAGCACGCGCAGAACCAGGGAACGATTGCCA  
GAGTTGGAGCAGCGGAAGAAGGGACCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001130062

**Insert Size:** 1710 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\\_001130062.1](#), [NP\\_001123534.1](#)

**RefSeq Size:** 2428 bp

**RefSeq ORF:** 1710 bp

**Locus ID:** 305448

**Cytogenetics:** 14q21