

Product datasheet for **RN217022**

Def6 (NM_001191717) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Def6 (NM_001191717) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Def6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN217022 representing NM_001191717
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCTGCGCAAGGAGCTGCTCAAATCCATCTGGTACGCCCTTCACTGCACTGGACGTGGAGAAAAGCG
 GCAAGGTCTCAAGTCTCAACTCAAGGTGCTGCCACAACCTGTACACGGTCTTCACATCCCTCATGA
 CCCCGTGGCCCTGGAGGAACACTTCCGGGATGACGACGACGGCCCGTGTCCAGTCAAGGATACATGCCC
 TACCTCAACAAGTACATCCTAGACAAGGTGGAGGAGGGGGCTTTCGTTAAGGAGCACTTTGATGAGTTGT
 GCTGGACTGACGGCCAAGAAGAACTACCGAGTTGAAGGCAACGGAAACAGCCTGCTCTCCAATCAGGA
 CGCTTCCGCTCTGCTGCTGAAGAAGCTCCTCGGAGCTTGAGCTTGAGATGGGCTCGGGGAGCTGGAGG
 GAGTTGAGTATCTGCTGAAGAAGCTCCTCGGAGCTTGAGCTTGAGATGGGCTCGGGGAGCTGGAGG
 AACTCTTGGCCAGGACGCCAATCAGCCAGACTCCGGGGGGCTCAGCGTCTGGCAATTTCTGGAGCT
 CTTCAACTCAGGCCGCTGCCTGCGGGGTGTTGGGCAGGACTCCCTCAGCATGGCCATCCAAGAAGTCTAC
 CAGGAGCTCATCAAGAGCTCCTGAAACAGGGCTATCTGTGAAAAGAGGGCACCTGAGGAGGAATTGGA
 CCGAGCGCTGTTCCAGCTGCAACCCAGCTGCCTCTGCTACTTTGGGAGTGAGGAATGCAAGGAGAAACG
 AGGCACCATACCCCTGGACGCGCACTGCTGTGTGGAGGTCTTCCGGACCGCGAAGGAAAGCGCTGCATG
 TTTTGTGTGAAGACTGCCAGCCGACGTACGAGATGAGCGCTCAGACACGCGCCAGCGCCAGGAGTGGA
 CGGCCGCCATCCAGACCGCATCCGGCTACAGGCAGAGGGGAAGACGTCGCTGCACAAGGACCTGAAGCA
 GAAGCGCGGGGAGCAGCGGGAGCAGCGGAGAGGGCGCCGGCAGCAAGGAGGAGGAGCTGCTGCGGCTG
 CAGCAGCTGCAGGAGAAAAGGAGAGGAAGCTGCAGGAGCTGGAGCTGCTGCAGGAGCTCAGCGGCAGG
 CGGACCGCTGCTGCAGGAGGAGGAGGAGCGCCCGCTAGCCAGCACAGGAGCTGCAGCAAGCTTGGA
 GGGCAGCTGCGGGAGGCGGAGCAGGCCCGGGCTCTATGCAGGCTGAGATGGAGCTGAAGAAGGAAGAG
 GCGGCCCGGCAACGCGCAGCGCATCGGGAGCTGGAGGAGATGCAGGAGCGCTGCAGGAAGCTTTGCAAC
 TGGAGGTGAAAGCTAGGCGAGATGAGGAGGCCGTGCGCCTCGCCAGACCAGGCTGCTGGAGGAGGAGGA
 GGAGAAGCTGAAGCAGCTGATGCATCTGAAGGAGGAGCAAGAGCGCTACATTGAGCGAGCGCAGCAGGAG
 AAGCAGGAGCTTCAAGCAGGAGATGGCGCTGCAGAGCCGTTCCCTGCAGCAGGCCAGCAGCAGCTGGAGG
 AGGTGCGGCAGAACCGGCAGAGGGCAGACGAGGACGTGGAGGCTGCCAGAGGAAGTTGCCAGGCCAG
 CACCAACGTGAAACTGGAACGTCCAGATGAACAGGCTCATGCATCCGATCGAGCTGGAGATAAGCGT
 CCCACCACGACGCTCCTTACCGGCTCCAGGCCCTCCGCTGCCCCCGCTGACTCCTCTCTAAAGC
 GCCTGACCCGCTGGGGTCCCAAGGCAACAGAACCCTCTCGGCCAACAGCAGCGAACAGAAGTCCCTCAA
 TGGTGGGACGAGACTCCATCCTGGCTTTGGCCTCTCAGGAAGAGAACTGGATGCAGGCCAGAAAAT
 TAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001191717

Insert Size: 1893 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_001191717.1, NP_001178646.1</u>
RefSeq Size:	1893 bp
RefSeq ORF:	1893 bp
Locus ID:	309642
Cytogenetics:	20p12