

## Product datasheet for **RN210278**

### Defa5 (NM\_173329) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Defa5 (NM_173329) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Defa5
Synonyms:	Defa
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210278 representing NM_173329 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGGACGCTCACTCTGCTTACCGCCCTTCTCCTGCTGGCCCTCCACACCCAGGCAAAATCTCCCAAG  
GAACCGCTGAGGAGGCTCCAGACCAGGAGCAGCTGGTCATGGAGGACCAGGATATTTCCATATCCTTTGG  
AGGGGATAAAGGCACTGCTCTCCAAGATGCAGATGTGAAGGCAGGCGTGACCTGCTATTGCAGAAGCACA  
CGCTGTGGTTTTAGAGAACGGCTCTCTGGGCCGTGGTTACCGTGGCCGCATCTACAGACTGTGCTGCC  
GCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_173329
Insert Size:	285 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\\_173329.2](#), [NP\\_775451.2](#)

**RefSeq Size:** 487 bp

**RefSeq ORF:** 285 bp

**Locus ID:** 286995

**UniProt ID:** [Q62715](#)

**Cytogenetics:** 16q12.5

**Gene Summary:** putative antimicrobial peptide [RGD, Feb 2006]