

Product datasheet for RN213986

Defb4 (NM_022544) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Defb4 (NM_022544) Rat Untagged Clone
Tag: Tag Free
Symbol: Defb4
Synonyms: Defb2; Defb3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213986 representing NM_022544
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGATCCATTACCTCCTTCTCATTCTCCTGGTGCTGCTGCGCCTTTTCAGCCTTTACTCAA
GTATCAACAATCCAATCACATGCCTGACCAAAGGAGCGTATGCTGGGGTCCATGCACTGGCGGTTTTCCG
ACAGATTGGCACTGTGGACTGCCTAGAGTGAGATGCTGCAAGAAAAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022544
Insert Size: 192 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).



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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_022544.2](#), [NP_071989.1](#)

RefSeq Size: 421 bp

RefSeq ORF: 192 bp

Locus ID: 64389

UniProt ID: [O88514](#)

Cytogenetics: 16q12.5

Gene Summary: cationic peptides with broad-spectrum antimicrobial activity; may mediate mucosal defenses of several organs [RGD, Feb 2006]