

Product datasheet for RN202072

Defb1 (NM_031810) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Defb1 (NM_031810) Rat Untagged Clone
Tag: Tag Free
Symbol: Defb1
Synonyms: CDK4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN202072 representing NM_031810
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAACTCATTACTTTCTCCTGGTGATGTTATTTTTCTCTTCTCCAGATGGAGCTGGGTGCTGGCA
 TTCTCACAAAGTCTTGAGCGCAGAACAGATCAATACCGATGCCTCCAAAATGGAGGATTCTGTCTCCGCTC
 CAGCTGCCATCTCATACCAAACAAGGAACATGTAACCAGATAAGCCCAACTGTTGCAGGAGT**TGA**

ACGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031810
Insert Size: 210 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_031810.1](#), [NP_113998.1](#)

RefSeq Size: 416 bp

RefSeq ORF: 210 bp

Locus ID: 83687

UniProt ID: [O89117](#)

Cytogenetics: 16q12.5

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