

Product datasheet for MC213195

Defb8 (NM_153108) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Defb8 (NM_153108) Mouse Untagged Clone
Tag: Tag Free
Symbol: Defb8
Synonyms: BD-8; Defr1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC213195 representing NM_153108
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGATCCATTACCTTCTCTTCACATTTCTCCTGGTGTCTGTCTCCACTTGCAGCTTTTAGCCAAA
AAATCAATGATCCAGTAACTTACATTCGAAACGGAGGCATATGCCAGTATCGGTGCATTGGCCTTAGGCA
TAAGATTGGAAGTTGGATCTCCTTTCAAATGCTGCAAG**TGA**

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_153108
Insert Size: 183 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_153108.4](#), [NP_694748.3](#)

RefSeq Size: 287 bp

RefSeq ORF: 183 bp

Locus ID: 244334

UniProt ID: [Q91V82](#)

Cytogenetics: 8 A1.3

Gene Summary: A synthetic peptide displays antimicrobial activities against S.aureus, P.aeruginosa, E.coli and B.cepacia. The antimicrobial activity against S.aureus, E.coli and B.cepacia is reduced in raised concentration of NaCl, but its action against P.aeruginosa is independent of NaCl concentration.[UniProtKB/Swiss-Prot Function]