

Product datasheet for MC208377

Defa-rs12 (NM_007846) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Defa-rs12 (NM_007846) Mouse Untagged Clone
Tag: Tag Free
Symbol: Defa-rs12
Synonyms: CRS4C-5; Defcr-rs12
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208377 representing NM_007846
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAAGAACTTGTCTCTCTCTGCATTCGTTCTGCTGGCCTTCCAGGTCCAGGCTGATTCTATCCAA
 ACACAGATGAAGAGATTAAGTGAAGAACAGCCAGGAGAAGAGAACCAGGCTGTGTCTATCTCTTTGG
 AGACCCAGAAGGCTATGCTCTTCAAGATGCAGCAGCCATAAGAAGGGCTCGCCGGTGCCACCATGCCCC
 AGTTGCCTGTCTGTCCATGGTCCCAAGGTGCCTGAGATGCCCAATGTGCAATGCAATCCAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_007846
Insert Size: 279 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:	<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_007846.1, NP_031872.1</u>
RefSeq Size:	279 bp
RefSeq ORF:	279 bp
Locus ID:	13221
UniProt ID:	<u>P50716</u>
Cytogenetics:	8 A2
Gene Summary:	<p>Apparent precursor of a secreted, cationic, proline- and cysteine-rich peptide that contains Cys-Pro-Xaa repeats. Unlike cryptdin, the proposed mature peptide region lacks the structural motif characteristic of defensins. It may have microbicidal activities (By similarity).</p> <p>[UniProtKB/Swiss-Prot Function]</p>