

Product datasheet for **MC215051**

Defb22 (NM_001002791) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Defb22 (NM_001002791) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Defb22
Synonyms:	9230002F21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC215051 representing NM_001002791 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTCCCTACTGTCTACTCTTGTGATCATTATGTTCTGGCCATTTGGTCACAGGTGGCTGGTATG
TGAAAAAGTGTGCAAACACATTGGGCAACTGCAGGAAGATGTGCAGAGACGGGGAGAAGCAGACGGAAACC
TGCAACGAGCAAATGTCCATAGGAAAAGTGTGCTGTGTTCTGGACTTCAAATTAGTGGTCACTGTGGG
GGCGGTGGACAGAATTCAGATAATCTTGTACAGCAGGTGGGGACGAAGGGAGCAGCGCAAAGGCCAGCA
CTGCTGCAATGGTTGGTGTGCTGCAATGGCTGGCACTCCACAAGACCAGCGTCCCACAAAGACCAG
CGCTCCCACAAAGACCAGCACTACCACAAGGCCAGCAATGCCGCAAAGGCCAGCACTACCACAAGGCC
AGCAATGCCGCAAAGGCCAGCGCTGCCACAATGGCTGGCAATACCACAAGGTCAGCACTGCTGCAATTG
CCAGCACTCCCGCACAGGCCAGCACTCCACAAGGCCAACTCTACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001002791
Insert Size:	540 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).



[View online »](#)

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:	<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_001002791.2</u> , <u>NP_001002791.1</u>
RefSeq Size:	625 bp
RefSeq ORF:	540 bp
Locus ID:	442835
UniProt ID:	<u>Q8BVC1</u>
Cytogenetics:	2 G3
Gene Summary:	Probable component of sperm glycoalyx. Likely protects and facilitates transport of sperm in the female reproductive tract. Probably released from the sperm surface during capacitation. [UniProtKB/Swiss-Prot Function]