

Product datasheet for MR219926

Defb41 (NM_001040027) Mouse Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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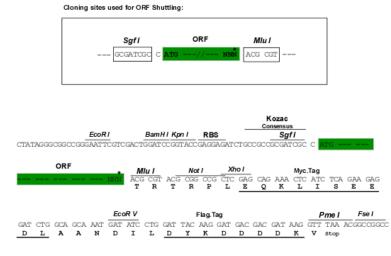
Product Type:	Expression Plasmids
Product Name:	Defb41 (NM_001040027) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Defb41
Synonyms:	9230102D03Rik; BD-17; Bd-41; Defb16; Defb17; Gm15386; OTTMUSG00000020946; OTTMUSG00000020948
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR219926 representing NM_001040027 Red=Cloning site Blue=ORF Green=Tags(s)
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGAAGTTTCATCTATTTTTCTTTATTCTGCTCTTTGGGGCCACAATATTAACAGCTAAAAAGAGTTATC CTGAGTATGGTAGCTTGGATTTGAGGAAAGAATGCAAAATGCGTAGAGGTCACTGTAAACTTCAGTGCTC TGAAAAGGAACTTAGGATTTCTTTCTGCATAAGACCTGGAACTCACTGTTGCATG
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG GTTTAA
Protein Sequence:	>MR219926 representing NM_001040027 <mark>Red</mark> =Cloning site Green=Tags(s)
	MKFHLFFFILLFGATILTAKKSYPEYGSLDLRKECKMRRGHCKLQCSEKELRISFCIRPGTHCCM
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Chromatograms:	https://cdn.origene.com/chromatograms/mm9056_b07.zip
Restriction Sites:	Sgfl-Mlul



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Cloning Scheme:



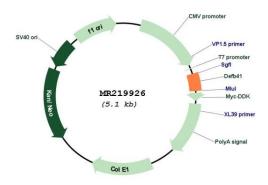
* The last codon before the Stop codon of the ORF

NM_001040027
195 bp
The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>
This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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).
 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
<u>NM 001040027.3</u>
256 bp
198 bp

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Locus ID:	77673
UniProt ID:	<u>Q30KP6</u>
Cytogenetics:	1 A3
MW:	7.7 kDa
Gene Summary:	Has bactericidal activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR219926

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