

Product datasheet for **MR220350**

Odf3b (NM_001013022) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Odf3b (NM_001013022) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Odf3b
Synonyms:	2010001J22Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR220350 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGGCTCAGAAGTCTGGGTCGGCACTTGGCGGCCACATCGGCCCGCGGCCCATCGGGCGCTCTACA
GAGGCCCGGGGCCAAATACAAGCTGCCAACGAACACCGTTACAACTGCACGACCCGTCTCGGCCGCG
AGCCCCCGCCTTCTCCTTCGGCTCGGTCCACCCTTGGCGCATGCAACCTGCGGACCCGGGCCGAGTTAC
CTGGTGCCTGCTCGCATGACTGTGCGCGGCACAGTTGGCTCCCCGGCCTTCTCCATCTACGGTCGCCTAA
GCCACACGGCGCCTGTCTCACTCCGGGACCGGCAGGTACTACCCAGAACGCGCGAGAAATGTGACGTA
CCCCAGCGCTCCTCGGCATACCATCGCTCCCCGAACTGGGGCATCCTCGCAAAGCAAGAAACCCAGGC
CCTGGGTCTACACCGTGCTTCTGCTCTTGGGCTCACGAGTCATAAGCAAAGTCTCAGCCCCAACTTACT
CCATCTACAGCCGAGCCCTGTGGGCAGCTGCTTCGAGGACCTCAGCAAGACCCAGGCCCTTGTGCCTA
CCACGTAGTGAATCCTATGATCTACAAGACTCGAGCCCCGAGTTCACGATGCTGGGGAGGACTCTGCCA
CCCCGAGAGAACCAAGAAGCCAGGACCTGCATCCTACAGCGTGGACAAGGTGGTCTGGAGTCGAGGGT
CAAGGGGCAGGGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA


[View online »](#)

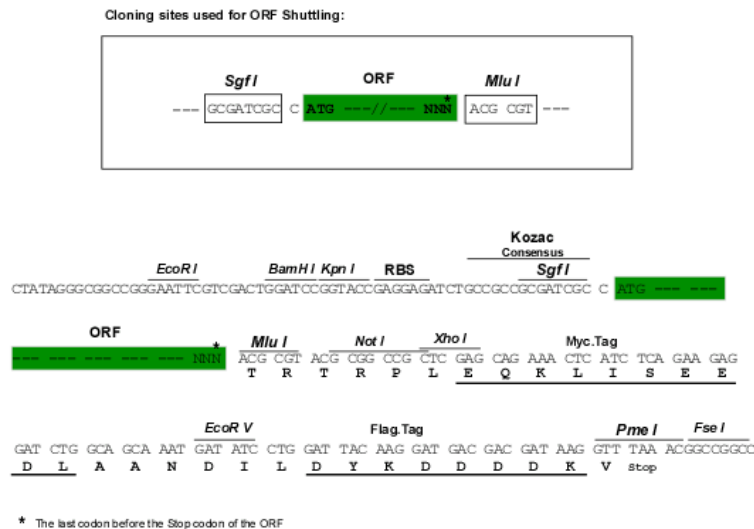
Protein Sequence: >MR220350 protein sequence
 Red=Cloning site Green=Tags(s)

MGSEVWVGWTRPHRPRGPIAALYRGPGRKYKLPTNTGYKLHDPSPRAPAFSFGSRPPLRHATCGPGPSY
 LVPARMTVRGTGSPAFSIYGRLSHTAPVLTGPGGRYPERARNVTYPSAPRHTIAPRNWILAKQETPG
 PGSYTVPSLLGSRVISKVSAPTYSIYSRSPVSGCFEDLSKTPGPCAYHVVNPMIYKTRAPQFTMLGRTL
 PRENTKKPGPASYSVDKVVWSRGRGRG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001013022

ORF Size: 714 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001013022.1](#), [NP_001013040.1](#)

RefSeq Size: 1075 bp

RefSeq ORF: 717 bp

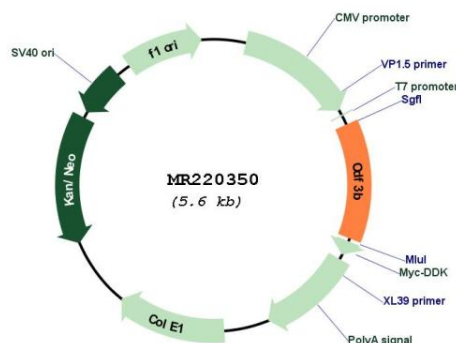
Locus ID: 70113

UniProt ID: [Q5M8M2](#)

Cytogenetics: 15 E3

MW: 25.9 kDa

Product images:



Circular map for MR220350