

Product datasheet for MC210885

Odf3 (NM_027019) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Odf3 (NM_027019) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Odf3
 Synonyms: 1700011O04Rik; SHIPPO1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC210885 representing NM_027019
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGAGGAGGTATGGATGGGCACCTGGAGGCCCATCGCCCCGGGGGCCCATCATGGCCCTCTACA
 GCAGCCCTGGACCAAGTACCTGATTCCACCCACCACGGGCTTTGTGAAGCACACACCCACAAACTCCG
 AGCACC GGCTACAGCTCCGTGGGGCTCCCATGCTCTTGCGGAGAATTGCTCCCCAGGGCCCCGCTAC
 AGTGTGAACCCCAAGATCCTGAAGACTGGCAAGGACCTTGCCCTGCCTACTCCATCCTGGGGCGCTACC
 ATACCAAGACCTTGCTGACCCCGGCCGGGTGATTACTTTCCAGAGAAATCTACCAAGTATGTGTTTGA
 CTCAGCACCCAGCCATTCCATTTCTGCCCGGACTAAGACCTTCCGAGTGGACAGCACTCCAGGCCCTGCT
 GCATACATGCTGCCTGTGGTGTATGGGGCCCCACACGGTGGGCAAGGTCTCCAGCCCTCCTTCTCCATCA
 AGGGCCGAGCAAGTTGGGCAGCTTCAAGGCTCCACAGTACACCATGGCTGCCCGGGTGGAGCCCCAGGG
 GACTGAGGTTCAAGTGACCAAGTTCAAGGCTCCACAGTACACCATGGCTGCCCGGGTGGAGCCCCAGGG
 GATAAAACCCTGAAGCCAGGACCAGGAGCCACAGCCCTGAGAAGGTGACCTTGAACAAGCCCTGTGCTC
 CTACTGCACCTTGGCATCAAGCATTCTGACTACATGACACCCTTGTTGTCGATGTGGAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_027019
 Insert Size: 765 bp



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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).
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:	NM_027019.3 , NP_081295.2
RefSeq Size:	924 bp
RefSeq ORF:	765 bp
Locus ID:	69287
UniProt ID:	Q920N1
Cytogenetics:	7 F4
Gene Summary:	Outer dense fibers are filamentous structures located on the outside of the axoneme in the midpiece and principal piece of the mammalian sperm tail. May help to maintain the passive elastic structures and elastic recoil of the sperm tail.[UniProtKB/Swiss-Prot Function]