

Product datasheet for **RN204171**

Deaf1 (NM_031801) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Deaf1 (NM_031801) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Deaf1
Synonyms:	NUDR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204171 representing NM_031801
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGACTCGGACTCGGCGGCAAAACAGCTGGGCTGGCCGAGCGGCAGCGGTGGCGGCCGCTGCCG
 CTGTGGCGGCGGCCGCCGCGGCCGAGCGGAAAGCGAGGCGGAGGAGCCGGTGTAAAGCAGAGACGAGGA
 CTCGGAGGAGGACGCAGACTCCGAGGCGGAGCGGAGACGCGGGGTACCGGCTGTGGCGGTGATGGCG
 GCCGAATCTGGGCACATGGATATGGGTACCGAGGCTCTGCCAGCCCTGATGAGGCCGCCGCCGCCGCCG
 CCTTTGCAGAAGTGACCACAGTACTGTGGCAACGTGGGGTCTCTGCAGATAACGTCTTCACAACATC
 AGTGGCAAATGCAGCCTCGATATCAGGACATGTCTGTCTGGTAGGACAGCCCTGCAGATCGGGGACAGC
 CTGAACACTGAGAAAGCCACACTAATAGTTGTACACACAGATGGGAGCATTGTGGAAACCACCGGGCTGA
 AGGGCCCAGCAGCACCTCTACCCAGGTCCTCAGTCTCCTCTACCCACTGGCACCTGGCCAGGAGAA
 AGGTGGTACCAAGTACAAGTGGGACCTTCGGTGTATGACAGCGAGCTGCCTGTGCGCTGTGCGAACATC
 AGTGGCACGCTCTACAAGAGTGGCTCGGCTCAGGTGGCCGGGGCGGTTATCAAGCAGGGAGAAAAC
 GGTACAGCCCAACCGAGTTTGAAGCCATGGCAGGAAGAGCCAGCAGCAAGGACTGGAAGAGAAGCATCCG
 CTATGCGGGCAGACCCCTGCAGTGCCTCATCCAGGATGGTATTTTGAACCCTCACGCTGCCTCCTGCACC
 TGTGCTGCCTGTTGCGATGACATGACTCTAAGTGGCCCTGTCAGGCTCTTCGTCGCCCTATAAAAGGCGCA
 AGAAAGAGAATGAGCTGCCACGACTCCAGTTAAGAAGGATCCCCCAAGAACATCACGCTGCTCCCTGC
 CACGGCGGCCACCACCTCACTGTGACACCCTCAGGACAGATCACTACCTCTGGAGCACTAACCTTTGAC
 CGAGCATCCACTGTGGAGGCCACTGCTGCATCTCTGAGAGCCCAGCCCAAGGGGATGTCTTTGCAGGAG
 CCACAGTGAAGAGGCGAGGCTGCAGCCCCCTGCAGGGTTGGCCACCCTGAACCCCACTACCCTGGGTA
 TCAGGACAGTGGCAGATCGCCCGTTTCCAGAAGCTGCATTGCCAACATCACATCCCAAAATTGTCCTG
 ACATCGCTGCCCGCTTGGCCGTGCCGCCCTCCACCCCAACAAAGCTGTCTCTCCACCCTGGTCAAGT
 GGCTGGAGATGTCAGAGCATCGGAGCTGGCTGTACCTGGAAGAGATGGTCAACTCCCTCCTCAACACAGC
 CCAGCAGCTGAAGACGTTGTTTGAACAAGCAAGCAGGCGAGCTCTTGCAGGGAAGCTGCTGTGACCCAG
 GCGAGAATGCAGGTTGATGCAGAGAGGAAGGAGCAGTCACTGTGCAACTGCGGCCGGGAGGCCATGAGTG
 AGTGCACCGGCTGCCACAAGTTAACTACTGCTCTACGTTCTGCCAGCGCAAGGACTGGAAGACCATCA
 GCATGTATGTGGCAGTCAGCATCTGTCACTGTCCAGGCTGATGACGTCATGTTGAAGAAAGTGTGATA
 GAAAAAGTTACTGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031801

Insert Size: 1698 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).

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.

RefSeq: [NM_031801.2](#), [NP_113989.2](#)

RefSeq Size: 2123 bp

RefSeq ORF: 1698 bp

Locus ID: 83632

Cytogenetics: 1q41

Gene Summary: acts as a transcriptional activator; may regulate transcription during fetal development or testicular cell differentiation [RGD, Feb 2006]