

Product datasheet for **RR201036**

Dsn1 (NM_001025768) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Dsn1 (NM_001025768) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Dsn1
 Synonyms: MGC116180
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR201036 representing NM_001025768
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTTCGGTGACCAAATCAGAAGACCAGGGACCAACGATGTCGGAGACTCAGGATCGTCCATTGCAAC
 CAAGTCTCGAGCCTTTGGAAGCATTGCCTCGATCCTCTGCCTACCAGGAAATGATGGCACAAGGCACCTTC
 AGAGGAACAAAACACCTTGCCCGGAGCCCGAGAGGGGGAAGGTTGTGGTGTGACCCCGAGGAGGGA
 CCTCAGTTGAGGTCCTTTCAATTTGTCTCCTCAAGAACAGTCTGCCCGTCACAGAGACAGAAGGCAGTCCT
 GGAGGCGAGCAAGCATGAAAGAGATAAACCGGCGGAAGTCGTTGGCTCCTTTTACCCGGGCATCACAGA
 GCTCAGCAGGTCAATCAGTATGAAGTTAGCACAGAGCCAACGGCTTGGCGCCCTCCTGCTCTCCAGCTTC
 CAGTTCTCTGTTGAAAACTTGAACCTTTCTTAAAGAACACTAAGGACTTCAGCCTTGAATGTTTTAGAG
 CCAAAGCATCTTCTCTCTGAAGAATTGAAACATTTTACAGACAGGCTGGGAAATGATGGAACCTTACA
 AAAATGTTTTGTTGAAGATTCAAAGAAAAAGCACCAGATTTCTACTGGAAGCATCAGTAGCTGAGGTG
 AAAGAATATATAACAAAGTTTTCTTTAGAGCGTCAGGCTGGGATCGGCTTTACTGCAGTACCAGAACG
 AGGTTCCACCTGAAGAGATGCCAGAGGATCAACTGAAACCAAAATCAATGAAGTGAATGTGACCCGGC
 AGCCTACCTCAGTCTTCCAGAAGGAAGTCTGAACACGAAACCGACTATCAGAGAATAGTGCAGAGT
 CAGAATGAAGTCTTTGCCTATATGGAATTAGTGTGGATGAGCTACAAGGAGCAGTGAAGCAGCTGCAAG
 CCTTCATGGATGAAAGTACTCAGTACCTCCAGAAGGTGTCAGTACAGCTCAAGAAGAGAAGTATGGAGCA
 GTTAGATTCTTACCTGCTCGAAAAGTCTCAAGCTCCATCTACAGAGCTCATCTACCACCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR201036 representing NM_001025768
 Red=Cloning site Green=Tags(s)

MTSVTKSEDQGPTMSETQDRPLQPSLEPLEALPRSSAYQEMMAQGTSEEQNLGRSPREGEGCGADPQEG
 PQLRSFHLSPQEQSARHRDRRQSWRRASMKEINRRKSLAPFHPGITELSRISMKLAQSQRLLSSF
 QFSVEKLEPFLKNTKDFLECFRAKASSLEELKHFTDRLGNDGTLQKCFVEDSKEKAPDFSLEASVAEV
 KEYITKFSLERQAWDRLLLLQYQNEVPPEEMPRGSTETKINEVNVDPAAAYLRSSSQKEVLNTPDYQRIVQS
 QNEVFAYMELVMDELQGAVKQLQAFMDESTQYLQKQVSVQLKKRSMELDSSPARKLLKLHLQSSSTTQ

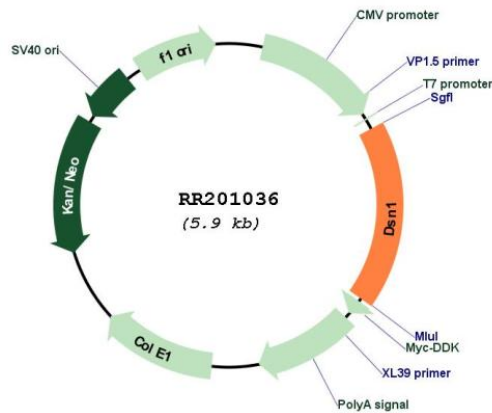
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001025768

ORF Size: 1044 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:	<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_001025768.1 , NP_001020939.1
RefSeq Size:	2002 bp
RefSeq ORF:	1047 bp
Locus ID:	499933
Cytogenetics:	3q42
MW:	39.7 kDa