

Product datasheet for **RR208126**

Dmtf1 (NM_053693) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dmtf1 (NM_053693) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dmtf1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Protein Sequence: >RR208126 representing NM_053693
Red=Cloning site Green=Tags(s)

MSTVEEDSDTVTVETVNSVTFTQDIDGNIILHCPQNDPDEIDSEDSTEPHKRLCLSSEDDQSIDDSTPC
 ISVVALPLSENDQSFVMTATTEVADDELSEGTVTQIQILQNDQLDEMSPLGTEEVSAVSQAWFTTKED
 KDLSLNKGGHKKQGMWSKEEIDILMNNIERYLKARGIKDATEIIFEMSKDERKDFYRTIAWGLNRPLFAV
 YRRVLRMYDDRNHVGYKYPTEEIEKLKELRIKHGNDWATIGAALGRSASSVKDRCLMKDTCNTGKWTEEE
 EKRLAEVVHELSTSTEPGDIVTQGVSWAAVAERVGTRSEKQCRSKWLNKQSGGTEWTKEDINLILR
 IAELDVADENDINWDLLEAGWSSVRSPQWLRSKWWTIKRQIANHKDVSFPASTDSPAASVDEITLNSG
 TLQTFEILPSFHLQPTGTPGYLLQTSQQGLPLTLTTSPTVTLAAAAPASPEQIIVHALSPEHLLNTSD
 NVTVQCHTPRVIIQTVATEDITSSISQAELTADSDLHSSDFPEPPDALEADTFDEIPRPKMTIQPSFNN
 AHVSKYSQNSTELMNSVMVRTEEEIADTDLKQEPSPDLASAYVTEDLESPTIVHQVHTIDDEILIVP
 SPHGFIAQSDGIDAESVLPPLTTLTDPIFQHHQEEESNIIGSSLGSPVSEDSKDVEDLVNCH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_053693

ORF Size: 2070 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.

RefSeq: [NM_053693.1](#), [NP_446145.1](#)

RefSeq Size: 3359 bp

RefSeq ORF: 2073 bp

Locus ID: 114485

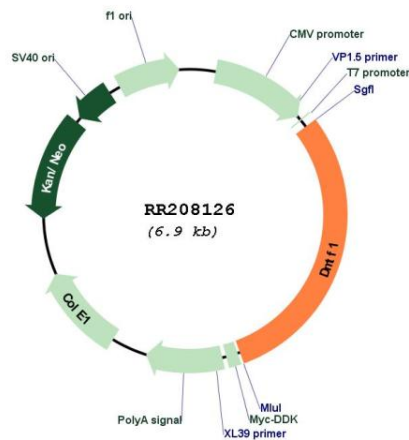
UniProt ID: [Q66HG1](#)

Cytogenetics: 4q12

MW: 76.9 kDa

Gene Summary: mouse homolog is a transcription factor that arrests the cell cycle in G1 phase [RGD, Feb 2006]

Product images:



Circular map for RR208126