

## Product datasheet for **RR213632**

### Dpm1 (NM\_001106544) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dpm1 (NM_001106544) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dpm1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR213632 representing NM_001106544 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTTCCACGGGGCGAGTCGCAGCCTTGCTGCGTCTCAGCGGCCGCCGAGGGCCGCTCCTCACGGC  
AGGACAAGTATTCGGTGTCTTTGCCACCTACAACGAACGGGAGAACCTGCCGCTCATCGTGTGGCTGCT  
GGTGAAGAGCTTCTCCGAGAGTCAATCAACTATGAAATTATAATCATAGATGATGGAAGCCAGATGGG  
ACAAGAGAAGTTGCTGAACAACCTGAAAAAGATCTATGGGCCAGACAGAATTCTCCTAAGACCACGGGAGA  
AAAAGCTGGGCCTTGAACTGCCTATATTCACGGAATAAAACATGCCACAGGAACTATGTCATCATTAT  
GGATGCAGACCTCTCGCACCATCCCAAATTTATTCCTGAATTTATCAGGAAACAAAAGGAGGTAATTTT  
GATATCGTCTCTGAACTCGCTACAAGGGGAATGGGGGTGTTTATGGATGGGATTTGAAAAGAAAGATAA  
TCAGCCGTGGGGCAATTTATAACTCAGATTTTGCTGAGACGGGAGCATCAGATTTAACCAGGAGCTT  
CAGATTATACGAAAAGAAGTTCTACAGAAATTAATAGAAAAGTGTGTCTCAAAGGCTACGTCTTTTCAG  
ATGGAAATGATTGTTTCGAGCAAGACAGATGGATTACACCGTTGGTGGGTTCCGATTTTCATTTGTGGATC  
GAGTGTATGGTGAATCCAAGTTGGGAGGAAATGAAATAGTCTCATTCTGAAAGGTTACTGACTCTCTT  
TGCTACTACA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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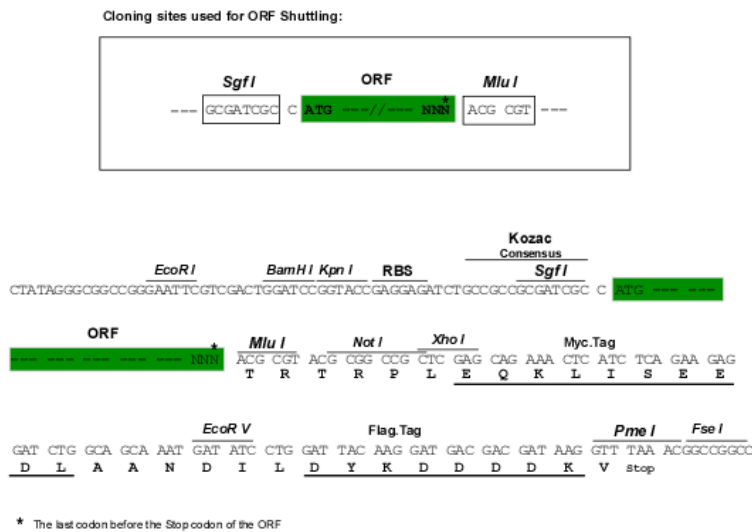
Protein Sequence: >RR213632 representing NM\_001106544  
 Red=Cloning site Green=Tags(s)

MASTGASRSLAASQRPQGRSSRQDKYSVLLPTYNERENLPLIVWLLVKSFSESAINEYIIIDDGSPDG  
 TREVAEQLEKIYGPDRILLRPREKKLGLGTAYIHGIKATGNYVIIMDADLSHHPKFIPEFIRKQKEGNF  
 DIVSGTRYKGGVYVWDLKRKII SRGANFITQILLRPGASDLTGSFRLYRKEVLQKLIIEKCVSKGYVVFQ  
 MEMIVRARQMDYTVGEVPI SFVDRVYGESKLGNEIVSFLKGLLTLFATT

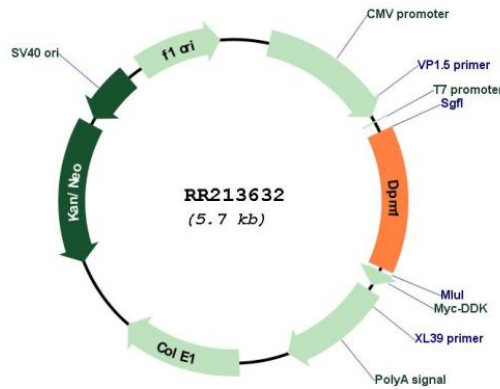
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001106544

ORF Size: 780 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001106544.1</a> , <a href="#">NP_001100014.1</a>
<b>RefSeq Size:</b>	2297 bp
<b>RefSeq ORF:</b>	783 bp
<b>Locus ID:</b>	296394
<b>Cytogenetics:</b>	3q42
<b>MW:</b>	29.2 kDa