

Product datasheet for **RR209932**

Dapk2 (NM_001013109) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dapk2 (NM_001013109) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Dapk2
Synonyms: MGC109553
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209932 representing NM_001013109
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGTTAGACAAGAATATCCCCATTCCACACATCAAGCTGATTGACTTTGGCTTGGCTCACGAAATAG
AAGATGGAGTTGAATTTAAAAACATTTTGGGACACCTGAATTTGTTGCTCCAGAAATCGTGAACATGA
GCCACTGGGACTGGAGGCAGACATGTGGAGCATCGGAGTCATCACCTACATCCTTCTAAGTGGAGCATCC
CCCTTCTGGGAGACACAAAGCAAGAAACCTGGCAAACATCACTGCTGTGAGTTACGACTTTGACGAGG
AATTCTTCAGCCAGACCAGTGTGAGCTGGCCAAGGACTTCATTCGGAAGCTTCTTGTGAAGGAGACCCGAA
ACGGCTTACCATCCAAGAGGCTCTCAGGCATCCCTGGATCATGCCAGTGGACAACCAGCAAGCCATGGTG
CGCAGAGAGTCTGTGGTCAACCTGGAGAACCTTAAAGAAGCAGTATGTCCGAGGCGGTGGAAGCTGTCTT
TCAGCATCGTCTCCCTGTGCAACCACCTCACTCGCTCCCTGATGAAGAAGGTGCACTTGAGGACAAGTGA
GGACCTGAGGAAGTCCGAGAGTGACACGGAGGAGAACATTGCCAGGAGGAAAGCCCTTACCCCCGGAGG
AGGAGCAGTACCTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR209932 representing NM_001013109
 Red=Cloning site Green=Tags(s)

MLLDKNIPIPHIKLIDFGLAHEIEDGVFEKFNIFGTPEFVAPEIVNYEPLGLEADMWSIGVITYILLSGAS
 PFLGDTKQETLANITAVSYDFDEEFFSQTSELAKDFIRKLLVKETRKRLTIQEALRHPWIMPVDNQAMV
 RRESVVNLENFKKQYVRRRWKLSFSIVSLCNHLTRSLMKKVHLRTSEDLRNCESDTEENIARRKALHPRR
 RSSTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

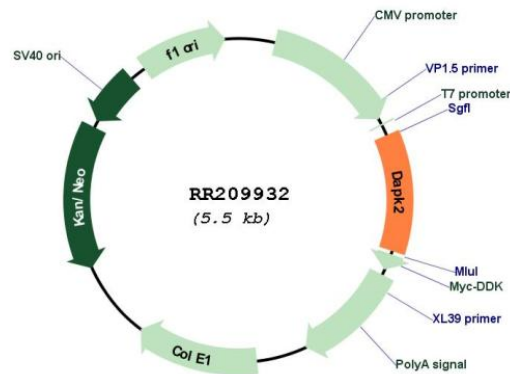
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001013109

ORF Size: 645 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_001013109.1 , NP_001013127.1
RefSeq Size:	1302 bp
RefSeq ORF:	648 bp
Locus ID:	300799
Cytogenetics:	8q24
MW:	25 kDa