

Product datasheet for **MR207226**

Dusp9 (NM_029352) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp9 (NM_029352) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dusp9
Synonyms:	Dusp4; Mpk4; Pyst3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207226 representing NM_029352
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGAGTCTGAGTCGGTCATGCCTGTGGCTGCGTCAGGAGCTGTCGTCGCCCGGCCACAGCTTCTGC
 TGCTGGACTGCCGAGCCGGGAGCTGTATGAGTCGGCGGCATCTGCGGGGCGCTGAGCGTGGCCCTGCC
 CTCGCTGATGCTGCGCCGCTGCGGAGGGGAGCATGTCGGTGGGTGCTCTTGCTGGCCACCACTG
 CAGCTCCCCACCGGCCCTGTGCTCCTGTACGACCAGGGTAGCAGTGGCCAGTGCCATCGTGAAGCAG
 CGGAGGCTGAAGCGAAGGCCAACCTAAGGCTGAAGCGGAGGCCAACCTAAGGCTGAAGCGGAGGCCGA
 ACCTAAGGCTGAAGCGGAGAACGAAGCGGAGGCTAAAGCGGAGGCCAAAGCGGAGGCCAAAGCGGAGGCT
 AAAGCGGAGGCCAAAGCGGAGGCCAAAGCGGAGGCTAAAGCGGAGGCCAAAGCGGAGGCTAAAGCGGAGG
 CCAAGAAGAGTGGGATGCTGACTCGGTGCTGGGCGTCTGCTCCAGAAGCTGCGGGAAGAAGGCTACCC
 AGCATACTACCTACAGGGTGGCTTCAGCAAGTTCAGGCCGAGTGTCTCACCTGTGTGAACCAGCTTC
 AGTGGTGTGCCGCTCAGGCCTGGGCTCAATGTCTAGCCAGTGCCTGTGGTGGGGCTAGGTGGCCTGT
 GCTTGAGCTCTGATTTCTGATGCAGAGTCTGAGGCTGACCGTGACACCTTGAGCTGTGGCCTAGATTC
 TGAGAACCACATCCCCTCCAGCTGGGCTGTACCACCTTCCCAGTCCAGATCCTGCCAATCTCTAC
 CTAGGCAGTGTCTCGAGATTCAGCCAATTTGGAGAGCCTGGCCAAGCTTGGCATCCGCTATATCCTCAATG
 TCACCCCAACCTTCTAACCTCTTTGAGAAGAATGGTGACTTCCACTACAAGCAGATCCCCTCTCTGA
 CCATTGGAGCCAGAATCTGTCCCAGTCTTTCCGGAGGCCATTGCATTATTGATGAGGCCTTGTGCGAG
 AACTGTGGGTGCTCGTCCACTGTCTGGCAGGGTTCAGCCGCTGTGCTACTGTACCCTGGCCTACCTCA
 TGCAGAAGCTTCACTCTCACTCAACGATCGCTACGACTTGGTCAAGCGGAAGAAGTCTAACATCTCACC
 TAACTTCAACTTTATGGGGCAGCTGCTAGACTTTGAACGCAGCCTGCGCCTGGGGGGAAGCGCTCCGGG
 GGGCGGGCAGTGGGGACCAGAGTCCACCGTCTCAGACCACCTTCTTCTTTACTACCCCTACCAGTG
 ATGGGGTCTTTGAGCTGGACCCACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207226 representing NM_029352
 Red=Cloning site Green=Tags(s)

MESLSRSCLWLRQELSSPRPQLLLDCRSRELYESARICGALSVALPSLMLRRLRRGMSVRSLLPGPPL
 QPPPPAPVLLYDQGSSGQCHREAAEAEAKAEPKAEAEAPKAEAEAPKAEAEAPKAEAEAKAEAKAEAKAE
 KAEAKAEAKAEAKAEAKAEAKAEAKAEAKAEAKAEAKAEAKAEAKAEAKAEAKAEAKAEAKAEAKAE
 SGRAGSGLGSMSSPVPVVLGGLCLSSDFSDAESEADRTLSCGLDSENTTSPAGLLPPFPVQILPNLY
 LGSARDSANLESALGIRYILNVTNLPNLFEKNGDFHYKQIPIISDHWSQNLSSQFFPEIAFIDEALSQ
 NCGVLVHCLAGVSRSVTVVAYLMQKLHLSLNDAYDLVKRKSNI SPNFMGQLLDFERSLRLGGKRSG
 GRGSGPESTVSDPPSFFTTPTSDGVFELDPT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9108_h08.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_029352

ORF Size: 1356 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_029352.3](#), [NP_083628.3](#)

RefSeq Size: 2714 bp

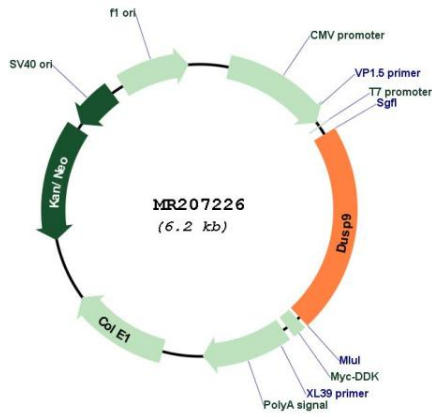
RefSeq ORF: 1359 bp

Locus ID: 75590

Cytogenetics: X A7.3

MW: 48.7 kDa

Product images:



Circular map for MR207226