

## Product datasheet for **MG207226**

### Dusp9 (NM\_029352) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp9 (NM_029352) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Dusp9
Synonyms:	Dusp4; Mpk4; Pyst3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG207226 representing NM\_029352  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGAGTCTGAGTCGGTCATGCCTGTGGCTGCGTCAGGAGCTGTCGTCGCCCGGCCACAGCTTCTGC  
 TGCTGGACTGCCGAGCCGGGAGCTGTATGAGTCGGCGGCATCTGCGGGGCGCTGAGCGTGGCCCTGCC  
 CTCGCTGATGCTGCGCCGCTGCGGAGGGGAGCATGTCGGTGGGTGCTCTTGCTGGCCACCACTG  
 CAGCTCCCCACCGGCCCTGTGCTCCTGTACGACCAGGGTAGCAGTGGCCAGTGCCATCGTGAAGCAG  
 CGGAGGCTGAAGCGAAGGCCAACCTAAGGCTGAAGCGGAGGCCAACCTAAGGCTGAAGCGGAGGCCGA  
 ACCTAAGGCTGAAGCGGAGAACGAAGCGGAGGCTAAAGCGGAGGCCAAAGCGGAGGCCAAAGCGGAGGCT  
 AAAGCGGAGGCCAAAGCGGAGGCCAAAGCGGAGGCTAAAGCGGAGGCCAAAGCGGAGGCTAAAGCGGAGG  
 CCAAGAAGAGTGGGATGCTGACTCGGTGCTGGGCGTCTGCTCCAGAAGCTGCGGGAAGAAGGCTACCC  
 AGCATACTACCTACAGGGTGGCTTCAGCAAGTTCAGGCCGAGTGTCTCACCTGTGTGAAACCAGCTTC  
 AGTGGTGTGCCGCTCAGGCCTGGGCTCAATGTCTAGCCAGTGCCTGTGGTGGGGCTAGGTGGCCTGT  
 GCTTGAGCTCTGATTTCTGATGCAGAGTCTGAGGCTGACCGTGACACCTTGAGCTGTGGCCTAGATTC  
 TGAGAACCACATCCCCTCCAGCTGGGCTGCTACCACCTTCCCAGTCCAGATCCTGCCAATCTCTAC  
 CTAGGCAGTGTCTCGAGATTCAGCCAATTTGGAGAGCCTGGCCAAGCTTGGCATCCGCTATATCCTCAATG  
 TCACCCCAACCTTCTAACCTCTTTGAGAAGAATGGTGACTTCCACTACAAGCAGATCCCATCTCTGA  
 CCATTGGAGCCAGAATCTGTCCCAGTCTTTCCGGAGGCCATTGCATTATTGATGAGGCCTTGTGCGAG  
 AACTGTGGGTGCTCGTCCACTGTCTGGCAGGGTCCAGCCGCTGTGCTACTGTACCCTGGCCTACCTCA  
 TGCAGAAGCTTCACTCTCACTCAACGATGCCTACGACTTGGTCAAGCGGAAGAAGTCTAACATCTCACC  
 TAACTTCAACTTTATGGGGCAGCTGCTAGACTTTGAACGAGCCTGCGCCTGGGGGGAAGCGCTCCGGG  
 GGGCGGGCAGTGGGGACCAGAGTCCACCGTCTCAGACCCACCTTCTTCTTTACTACCCCTACCAGTG  
 ATGGGTCTTTGAGCTGGACCCACA

**ACGCGT**ACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>MG207226 representing NM\_029352  
 Red=Cloning site Green=Tags(s)

MESLSRSCLWLRQELSSPRPQLLLDCRSRELYESARICGALSVALPSLMLRRLRRGMSVRSLLPGPPL  
 QPPPPAPVLLYDQGSSGQCHREAAEAEAKAEPKAEAEAPKAEAEAPKAEAEAEAKAEAKAEAKAEA  
 KAEAKAEAKAEAKAEAKAEAKAEKEWDADSVLGVLLQKLREEGYPAYLQGGFSKFQAECPHLCETSF  
 SGRAGSGLGSMSSPVVVLGGLCLSSDFSDAESEADRTLSCGLDSENTTSPAGLLPPFPVQILPNLY  
 LGSARDSANLESLAKLGIRYILNVTPNLPNLFEKNGDFHYKQIPI SDHWSQNL SQFFPEAIAFIDEALSQ  
 NCGVLVHCLAGVRSRVTVTVAYLMQKHLHSLNDAYDLVKRKSNI SPNFMGQLLDFERSLRLGKRSG  
 GRGSGPESTVSDPPSFFTTPTSQGVFELDPT

**TRTRPLE** – GFP Tag – V

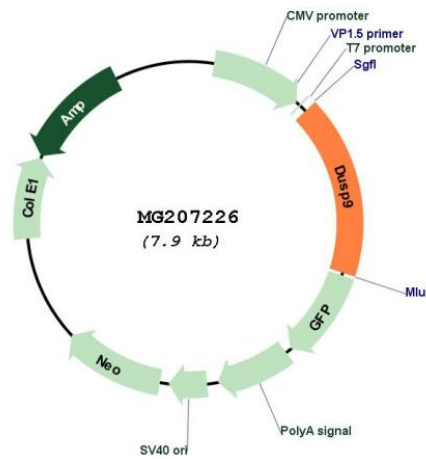
**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



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.

<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>	<u><a href="#">NM_029352.3</a></u> , <u><a href="#">NP_083628.3</a></u>
<b>RefSeq Size:</b>	2714 bp
<b>RefSeq ORF:</b>	1359 bp
<b>Locus ID:</b>	75590
<b>Cytogenetics:</b>	X A7.3