

## Product datasheet for **MR209838**

### Dusp16 (NM\_130447) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp16 (NM_130447) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dusp16
Synonyms:	3830417M17Rik; AW558566; D6Ertd213e; MKP-7; MKP7; Mkpm
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide  
Sequence:

>MR209838 representing NM\_130447  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCCCATGAGATGATTGGAACCTCAAATTGTTACTGAGAGCTTGGTGGCTCTGCTGAAAGTGGAAACGG  
AAAAAGTCTGCTAATTGATAGCCGACCAATTTGTGGAATACAATACGTCTCACATTTTGGAGCCATTAA  
TATCAACTGCTCCAAACTGATGAAGCGAAGGTTGCAACAGGACAAAGTATTAATTACAGAACTTATCCAA  
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TGTCACCTGCTGCAGGTGGCTTGTCTGAGTTCTCTCGTTGTTCCCTGGCCTCTGTGAAGGAAAGTCC  
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AGAGGGCGGATGGAAGAGTGCAGTGTCTCTCAGTCCACCTGTGCCAACTCGACCTCGGAGGCATCAGGG  
CAAAGGCTTGTGCATCCTGCAAGTGTGCCAGCTTACAGCCGCTCACTCTTAGAGGACAGTCCGCTGGTAC  
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TCTCGATACAAATCTGTTTCATATTCAGCCAGTATGGCCGCTCCCTACACGGCTTCTCGTCAGAGGAG  
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CTGGCATGAAGAGAGCCCTTTGAAAAGCAGTTTAAACGAGAGCTGCCAAATGGAATTTGGAGAGAGC  
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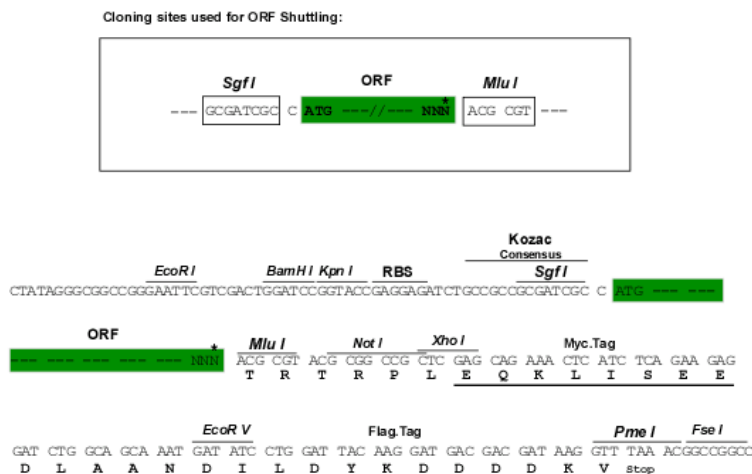
Protein Sequence: >MR209838 representing NM\_130447  
Red=Cloning site Green=Tags(s)

MAHEMIGTQIVTESLVALLESgtekvLLIDSRPFVEYNTSHILEAININCSKLMKRRLQQDKVLITELIQ  
 HSAKHKVDIDCNQKVVVYDQSSQDVGSLSSDCFLTVLLGKLSFNSVHLLAGGFAEFSRCFPGLCEGKS  
 TLVPTCISQPLPVANIGPTRILPNLYLGCQRDVLNKDLMQQNGIGYVLANSTCPKPDFIPESHFLRVP  
 VNSDFCEKILPWLKSVDFIEKAKASNGCVLIHCLAGISRSATIAIAYIMKRMDMSLDEAYRFVKEKRP  
 ISPNFNFMQLMDYEKTINNQTGMSGPKSKLKLHLDPSEPVAASEGGWKSALSLSPPCANSTSEASG  
 QRLVHPASVPSLQPSLLEDSPVQALSGQLSSEKLEDSTKLKRSFLDIKSVSYASMAASHGFSSEE  
 ALDYKPSATLDGNTKLCQFSPVQEVSEQPSPDKEEAHIPKQPQPPRSESQVTRLHVRTGSSGST  
 QRPFPSPLHRSGSVEDNYHTNLFGLSTSQQHLTKSAGLGLKGWHDILAPQSSAPSLTSSWYFATEPSH  
 LYSASAIYGGNSSYSAYSCQLPTCSDQIYSVRRRQKPTDRADSRRSWHEESPFEKQFKRRSCQMEFGES  
 IMSENRSREELGKVGSSQSSFSGSMEIEVS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_130447

ORF Size: 1980 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\\_130447.3](#)

**RefSeq Size:** 5112 bp

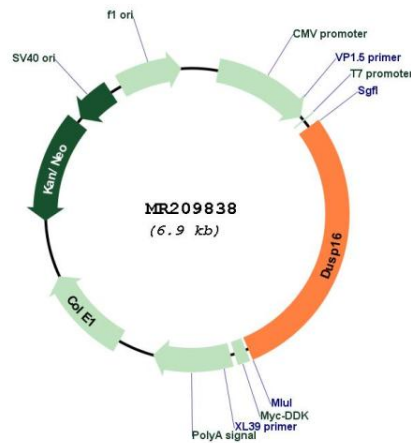
**RefSeq ORF:** 1983 bp

**Locus ID:** 70686

**Cytogenetics:** 6 65.77 cM

**MW:** 72.7 kDa

**Product images:**



Circular map for MR209838