

Product datasheet for MR201991

Dusp14 (NM_019819) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dusp14 (NM_019819) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Dusp14
Synonyms: 1110014C10Rik; 2310042C07Rik; D11Ertd395e; MKP-L; Mkp6
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201991 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTCCAGAGGTCACAGCAGCTCCACGGACTCTCATGGCCCTCGGATGATTTCCGAGGGAGACA
TAGGAGGCATTGCTCAGATCACCTCCTCTCTTCTTGGGCAGAGCCAGCGTGGCCTCCAACCTGGCACCT
CCTCCAGGCCCGGCATCACCTGCGTCATCAATGCCACCATCGAGATCCCCAATTCAACTGGCCCCAG
TTTGAATATGTTAAAGTGCCTCTGGCTGACATTCCTCATGCCCCATTAGACTGTACTTTGACACTGTGG
CCGACAAGATCCACAGTGTGAGCAAGAAGCACGGGGCTACCTGGTGCCTGTGCGGCAGGCGTGAGCCG
CTCGGCCACCCTCTGTATTGCGTACCTGATGAAATCCACAATCTGTGCCTGTTGGAGGCATACAACCTGG
GTGAAAGCCCGGAGGCCTGTCATCAGGCCAACCTGGGCTTCTGGAGGCAGCTGATAGACTACGAGAGCC
AGCTCTTTGGGAAGTCTTCAGTTAAGATGGTACAGACACCCTATGGCATCATCCAGACGTTTATGAGAA
GGAGTCCCACACTTGATGCCTTATTGGGGATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201991 protein sequence
Red=Cloning site Green=Tags(s)

MSSRGHSTLPRTLMAPRMISEGDIGGIAQITSSLFLGRASVASNWHLLQARGITCVINATIEIPNFNWPQ
FEYVKVPLADIPHAPIRLYFDTVADKIHSVSKKHGATLVHCAAGVSRSATLCIAYLMKFHNLCLLEAYNW
VKARRPVIRPNLGFWRQLIDYESQLFGKSSVKMVQTPYGIIPDVYEKESRHLMPYWGI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_019819

ORF Size: 597 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_019819.3](#)

RefSeq Size: 1443 bp

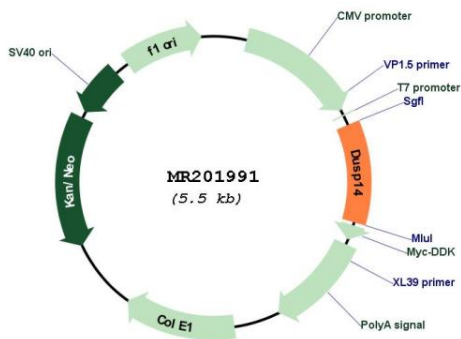
RefSeq ORF: 597 bp

Locus ID: 56405

UniProt ID: [Q9JLY7](#)

Cytogenetics: 11 51.29 cM
 MW: 22.3 kDa
 Gene Summary: Involved in the inactivation of MAP kinases. Dephosphorylates ERK, JNK and p38 MAP-kinases. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201991