

Product datasheet for MR221293

Dusp5 (NM_001085390) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp5 (NM_001085390) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dusp5
Synonyms:	Gm337
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR221293 representing NM_001085390 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGTCACGTCGCTCGACGGGCGCCAGCTGCGCAAGATGCTCCGCAAGGAGGCGGAGGCGCGCTGCG
TGGTGCTCGACTGCCGGCCCTACCTGGCCTTCGCCGCGTCGAGCGTGCAGCGGCTCGCTCAACGTCAACCT
CAACTCGGTGGTGTGCTGCGGCGGGCCCGGGCGGCGGTGTGCGGCGCTACGTGCTGCCGACGAGGCG
GCCCGCGCTCGGCTGCTGCAGGAGGCGGCGGCGGTGTGCGGCGGTGGTGTGCTGGACCAGGGTAGCC
GCCACTGGCAGAAGCTGCGGGAGGAGAGCGCCGCGCGCTCGTGTCTCACCTCGTGTGCTGGCTGCCTGCC
CGCCGGCCCGCGGTCTACTTCCTTAAAGGGGGTATGAGACCTTCTACTCACAGTATCCTGAGTGTGT
GTGGATGTGAAGCCACCTCACAAGAGAAGATCGAAGGCGAGAGAAGCCTCCTCAGCCAGTGTGAAAGC
CCGTTCTCAGCGTCGCCTACAGACCAGCCTATGACCAGGGTGGCCCGTTGAAATCCTTCCTTCCTCTA
CCTTGAAGTGCCTACCACGCATCCAAGTGCGAGTTCTCGCCAACCTGCACATCACAGCCCTGTGAAT
GTTTCCCGCCGGACCTCCGAGGCTGCACCACCACCTACACTACAAGTGGATCCCGTGGAGGACAGCC
ACACTGCTGACATTAGCTCCACTTTCAAGAAGCAATAGATTTTATTGACTGTGTGAGGGAAGGAGG
CAAGGTCTGGTCCACTGCGAAGCTGGGTTTCCCGTGCACCACCATCTGCATGGCTTACCTCATGAAG
ACCAAGCAGTTCGGCTGAAGGAGCCTTCGATTACGTCAAGAGGAGGAGCGTGGTCTCTCCAAT
TTGGCTTCATGGGACAGCTCCTTCAGTATGAATCTGAGATCCTGCCCTCCACACCCTCCAGCCGCC
CTCCTGCCAAGGGGAGGAGCCAGCTCCACGTTTATAGGCCATTTACAGACACTGAGCCCTGATATGCAG
GGCACCTACTGCACATTCGTACCTCAGTGTGGCACCAGTCCACCCACTCCACAGTCCAGAGCTCC
ACAGGAGCCCGTGGCCACAGCCACATCCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR221293 representing NM_001085390
Red=Cloning site Green=Tags(s)

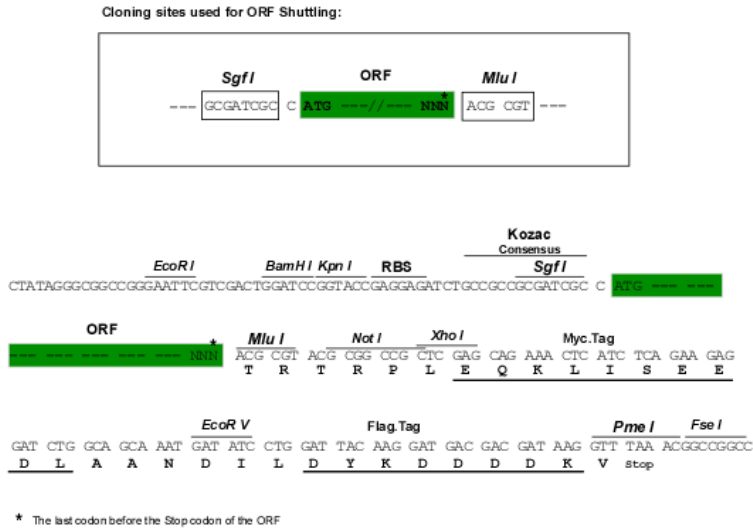
MKVTSLDGRQLRKMLRKEAEARC VVLD CRPYLAF AASSVRGSLNVLNSVVLRRARGGAVSARYVLPDEA
 ARARLLQEGGGVA AVVLDQGSRHQKLREESAARVVL TSLLA CLPAGPRVYFLKGGYETFYSQYPECC
 VDVKPTSQEKIEGERSLLSQCGKPVLSVAYRPAYDQGGPVEILPFLYLGSAYHASKCEFLANLHITALLN
 VSRRTSEACTTHLHYKWIPVEDSHTADISSHFQEAIDF IDCVREEGGKVLVHCEAGVSRSP TICMAYLMK
 TKQFRLKEAFDYVKQRRSVVSPNFGFMGQLLQYESEILPSTPTLQPPSCQGEAASSTFI GHLQTLSPDMQ
 GTYCTFRTSVLAPVPTHSTVPELHRSPVATATSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9035_a08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001085390

ORF Size: 1152 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_001085390.2](#)

RefSeq Size: 1155 bp

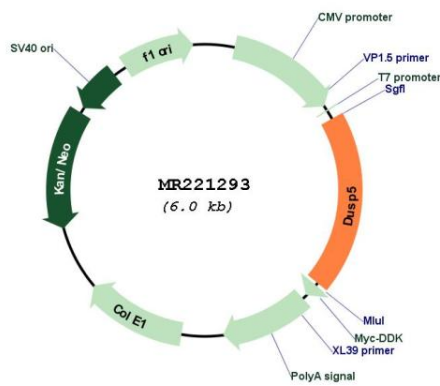
RefSeq ORF: 1155 bp

Locus ID: 240672

Cytogenetics: 19 D2

MW: 42.7 kDa

Product images:



Circular map for MR221293