

## Product datasheet for **MR226468**

### **Ddx5 (NM\_007840) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ddx5 (NM_007840) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ddx5
Synonyms:	2600009A06Rik; G17P1; Hlr1; HUMP68; p68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR226468 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCGAGTTATTCTAGTGACCGAGACCGCGCCGGGATCGAGGGTTTGGTGCACCTCGATTTGGAGGGA  
 GTAGAACAGGACCCCTCTCTGGAAAGAAGTTTGGAAATCCTGGGAGAACTAGTTAAAAAGAAGTGGAA  
 TCTTGATGAGCTGCCAAATTTGAGAAGAATTTTATCAAGAACCCTGATTTGGCAAGGCGCACCCGA  
 CAAGAGGTAGATACATACAGAAGAAGCAAGGAAATACAGTTAGAGGTCACAACGTCCAAAACCTGTT  
 TGAATTTTATGAAGCAAACCTTCTGCGAATGTCATGGATGTGATTGCAAGGCAGAACCTTACTGAACC  
 CACTGCTATTCAAGCTCAGGGCTGGCCAGTTGCTCTCAGTGGATTGGATATGGTTGGAGTAGCTCAGACT  
 GGATCTGGGAAAACATTATCTTATTTGCTGCCTGCCATTGTACACATAAACCACCAGCCATTCTAGAGA  
 GAGGTGATGGGCCTATTTGCTTGGTGTGGCACCACCTCGAGAAGTGGCACAGCAGGTGCAGCAAGTGGC  
 TGCTGAATATTGTCGAGCTTGTGCTTGAAGTCTACTTGCATCTATGGTGGTGTCCCAAAGGACCACAG  
 ATTCGTGATTTGGAAAGAGGTGTGGAAATCTGTATTGCAACACCTGGAAGACTGATTGACTTTTTAGAGT  
 GTGGGAAAACCAATCTGAGAAGAACAATTACCTTGCCTTGATGAAGCTGATAGGATGCTTGATATGGG  
 ATTTGAACCCAGATAAGGAAAATTGTGGATCAATAAGACCTGATAGGCAAACTAATGTGGAGTGCA  
 ACTTGGCCAAAAGAAGTAAAGACAGCTTGTGAGATTTCTGAAAGACTATATTCATATCAATATTGGTG  
 CACTGGAAGTGAAGTAAACATAACATTCTTCAGATTGTGGATGTATGTCATGATGCGAAAAGGATGA  
 AAAGCTTATTCGTCTGATGGAAGAAATCATGAGTGAGAAGGAGAATAAACTATTGTTTTGTTGAAACC  
 AAAAGAAGATGTGATGAACCTACCAGAAAAATGAGGAGAGATGGGTGGCCTGCCATGGCATCCATGGTG  
 ACAAGAGTCAGCAGGAACGTGACTGGTTCTAAATGAATTCAAACATGGAAAAGCTCCTATTCTGATTGC  
 TACCGATGTGGCCTCCAGAGGGCTAGATGTGGAAGATGTGAAATTTGTCATCAATTATGACTACCCTAAC  
 TCCTCAGAGGATTATTCATCGAATTGGAAGAACTGCTCGCAGTACAAAACAGGCACAGCATACTT  
 TCTTTACACCTAATAACATAAAGCAAGTGAAGGACCTTATCTCTGTGCTTCGGAAGCTAATCAAGCAAT  
 TAATCCCAAGTTGCTTCAGTTGGTGAAGACAGAGGTTCAAGTGTTCAGGGGTAGAGGAGGCATGAAG  
 GACGATCGTCGTGACAGATACTGTCAGGCAAAAGGGTGGATTAATACCTTTAGAGACAGGGAAAAC  
 ATGACAGAGGCTACTCTAATCTGCTTAAAGAGATTTTGGGGCTAAAACCTCAGAATGGTGTTTACAGTGC  
 TGCAAATTACACCAATGGGAGCTTTGGAAGTAATTTGTATCTGCTGGCATAACAGACCAGTTTTAGGACT  
 GGTAATCCAACAGGGACTTACCAGAACGGTTATGATAGCACTCAGCAATATGGAAGTAATGTTGCAATA  
 TGCACAATGGTATGAACCAACAGGCATATGCATATCCTGCTACCCGAGCTGCTGCCCTATGATTGGCTA  
 TCCCATGCCAACAGGGTATTCTCAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR226468 protein sequence  
 Red=Cloning site Green=Tags(s)

MSSYSSDRDRGRDRGFAPRFGGSRGTPLSGKKFGNPGEKLVKKKWNLDELPKFEKNFYQEHPDLARRTA  
 QEVDTYRRSKEITVRGHNCPPVLFNFEANFPANVMDVIARQNFTEPTAIQAQGWVVALSGLDMVGAQT  
 GSGKTL SYLLPAIVHINHQPFLERGDGPICLVLAPTRELAQQVQVAAEYCRACRLKSTCIYGGAPKGPQ  
 IRDLERGV EIC IATPGRLIDFLECGKTNLRRTTYLVLDEADRMLDMGFEPQIRKIVDQIRPDRQTLMWSA  
 TWPKEVRQLAEDFLKDYIHINIGALELSANHNILQIVDVCHDVEKDEKLIRLMEEIMSEKENKTIVFVET  
 KRRCEDELTRKMRRDGWPAMGIHGDKSQQERDWLNEFKHGKAPIL IATDVASRGLDVEDVKFVINYDYPN  
 SSEDYIHRIGRTARSTKTGTAYFFTPNNIKQVSDLISVLREANQAINPKLLQLVEDRGSGRSRGRGGMK  
 DRRDRYSAGKRGGFNTFRDRENYDRGYSNLLKRDFGAKTQNGVYSAANYTNGSFGSNFVSAGIQTSFRF  
 GNPTGTQYQNGYDSTQYQYGSNVANMHNGMNQAYAYPATAAAAAPMIGYPMPTGYSQ

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_007840

ORF Size: 1848 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\\_007840.3](#), [NP\\_031866.2](#)

RefSeq Size: 3520 bp

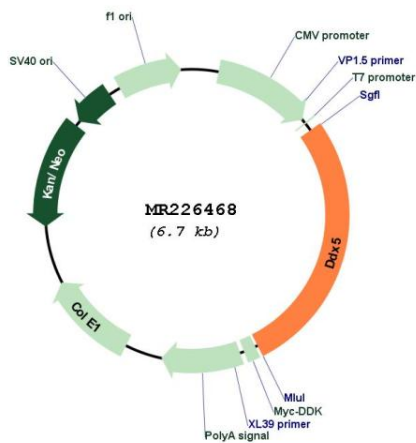
RefSeq ORF: 1848 bp

Locus ID: 13207

Cytogenetics: 11 70.01 cM

MW: 69.3 kDa

Product images:



Circular map for MR226468