

## Product datasheet for **MC221687**

### **Dhx15 (NM\_007839) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dhx15 (NM_007839) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dhx15
Synonyms:	DBP1; Ddx15; DEAH9; HRH2; mDEAH9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >MC221687 representing NM\_007839  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCCAAGAGGCATCGTTGGACTGGGGGAGGATTACCCCTCCGGCAAGAAGCGTGGGGGACCGATG  
 GGAAAGACCGGGAACGAGATCGGGATAGAGAGGACCGATCTAAAGATCGTGACCGAGAACGTGATAGAGG  
 AGACAGAGAACCGGAGAGGGAAAAAGAAAAAGAAAAAGAATTGAGAGCTTCCACCAATGCTATGCTTATC  
 AGTGCTGGATTGCCACCTTTAAAAGCTTCTCATTAGCTCACTCAACCCACTCGGCTCATTCAACACATT  
 CTACACATTCTGCCACTCAACACACACTGGACACACAGGACACACATCACTTCCACAGTGCATTAATCC  
 ATTCACCAACCTGCCCATACTCCTCGATACTATGATATTCTAAAGAAACGACTTCAGCTCCCTGTATGG  
 GAATAACAAGGATAGATTTACAGATATTCTTGTAGACATCAGTCAATTTGACTTGTGGTGAGACTGGGT  
 CTGGTAAAACAACACAGATACCACAGTGGTGTGGAGTATATGCGATCCTTGCCAGGACCCAAAAGAGG  
 AGTCGCCTGTACACAGCCAGGAGAGTGGCTGCAATGAGTGTGGCTCAGAGAGTTGCTGATGAGATGGAC  
 GTGATGTTAGGCCAGGAAGTTGGATACTCCATTGATTGAAAGACTGCAGTAGTCAAAAACCATTTCTTA  
 AGTATATGACTGACGGGATGCTACTTCTGTAAGCCATGAACGATCCCTTCTGGAGCGTTATGGTGTGAT  
 AATTCTTGATGAGGCCATGAAAGAACATTGGCTACAGATATTCTCATGGGTGTTCTAAAGGAAGTTGTA  
 AGACAGAGATCAGATTTAAAGGTTATAGTTATGAGTGTACCCAGATGCTGGGAAATCCAGATTTACT  
 TTGATAACTGTCCTCTTAACTATTCTGGCCGAACACATCCTGTTGAGATTTTTATACTCCAGAACC  
 AGAGAGAGATTATCTGAAGCAGCAATTCGGACAGTGTCCAAATACATATGTGTGAAGAGGAGGAAGGA  
 GACCTTCTCTTTCTTGACTGGTCAAGAGGAAATTTGATGAGGCTGTAAAGAAATAAAGCGTGAAGTTG  
 ATGATTTGGGCCCTGAAGTTGGTATTTAAATCATTCCATTATTCTACACTCCACCCAGCAGCA  
 ACAACGCATTTTTGAGCCACCACCTCCAAAAAACAGAATGGAGCAATTGGAAGAAAGGTGGTGGTGTCA  
 ACTAATATTGCAGAGACCTTTTGACAATAGACGGTGTGGTGTGTAATTGACCCCTGGATTTGCAAAAC  
 AAAAGGTATATAATCCTAGAATCAGAGTCGAGTCTCTTCTGGTACTGCCATTAGTAAAGCTTCAGTCA  
 GCAAAGGGCGGGTCGAGCTGGACGGACCAGACCTGGGAAATGCTTCAGGCTTTATACAGAGAAAGCTTAT  
 AAAACAGAAATGCAGGACAACACCTATCCTGAGATCCTGCGCTCTAACCTAGGATCGGTTGTTGCAGC  
 TGAAGAAGCTTGGTATTGATGACTTGGTACACTTTGATTTATGGACCCACCAGCTCCTGAAACTCTGAT  
 GAGAGCCCTAGAACTTTGAATTATTTGGCTGCTTTAAATGATGATGGAGATCTGACTGAATTGGGATCC  
 ATGATGGCAGAGTCCCTTTAGATCCACAGCTCGCTAAAATGGTTATTGCAAGTTGTGACTACAAGTGT  
 CTAAATGAGGTCTATCTATTACTGCTATGTTGTCAGTCCACAGTGTGTTGTTCCGCCACGGAGGCCAA  
 GAAAGTGCAGATGAGGCCAAGATGAGATTTGCCACATAGATGGAGATCATCTGACACTGCTGAATGTC  
 TACCACGCTTTTAAACAAAATCATGAATCTGTTCAAGTGGTGTATGACAACCTCATTAACTACCGGTCCC  
 TGATGTCTGCAGACAATGTACGCCAGCAGCTATCAAGAATTATGGACAGATTTAATTTGCCTCGTCGAAG  
 TACTGATTTACAAGCAGGGACTATTATTAATAAAGAAAAGCTTTGGTTACTGGGTATTTTATGCAA  
 GTGGCACATTTAGAACGAACGGGGCATTATTTAACTGTGAAAGATAACCAGGTGGTCCAGTTGCATCCCT  
 CTACTGTGCTTGATCACAAGCCTGAATGGTGTCTTTAATGAGTTTGTGCTGACGACAAAGAATTATAT  
 CCGGACATGTACAGATATCAAGCCAGAATGGTTGGTAAAATTGCCCTCAATATTATGACATGAGCAAT  
 TTCCCACAGTGTGAAGCAAGAGACAGTTGGACCGCATTATTGCCAAACTCAATCCAAGGAATATTCAC  
 AGTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_007839  
**Insert Size:** 2388 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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\\_007839.3](#), [NP\\_031865.2](#)

**RefSeq Size:** 3061 bp

**RefSeq ORF:** 2388 bp

**Locus ID:** 13204

**UniProt ID:** [O35286](#)

**Cytogenetics:** 5 C1

**Gene Summary:** Pre-mRNA processing factor involved in disassembly of spliceosomes after the release of mature mRNA. In cooperation with TFIP11 seem to be involved in the transition of the U2, U5 and U6 snRNP-containing IL complex to the snRNP-free IS complex leading to efficient debranching and turnover of excised introns (By similarity).[UniProtKB/Swiss-Prot Function]  
 Transcript Variant: This variant (2) represents the longer transcript and encodes the longer isoform (2).