

## Product datasheet for **MC220565**

### **Dhx15 (NM\_001042620) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dhx15 (NM_001042620) 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)



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**Fully Sequenced ORF:** >MC220565 representing NM\_001042620  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCCAAGAGGCATCGTTGGACCTGGGGAGGATTACCCCTCCGGCAAGAAGCGTGCGGGGACCGATG  
 GGAAAGACCGGGAACGAGATCGGGATAGAGAGGACCGATCTAAAGATCGTGACCGAGAACGTGATAGAGG  
 AGACAGAGAACCGGAGAGGGAAAAAGAAAAAGAAAAAGAAATTGAGAGCTTCCACCAATGCTATGCTTATC  
 AGTGCTGGATTGCCACCTTTAAAGCTTCTCATTAGCTCACTCAACCCACTCGGCTCATTCAACACATT  
 CTACACATTCTGCCACTCAACACACACTGGACACACAGGACACACATCACTTCCACAGTGCATTAATCC  
 ATTCACCAACCTGCCCATACTCCTCGATACTATGATATTCTAAAGAAACGACTTCAGCTCCCTGTATGG  
 GAATAACAAGGATAGATTTACAGATATTCTTGTAGACATCAGTCATTTGACTTGTGGTGAGACTGGGT  
 CTGGTAAAACAACACAGATACCACAGTGGTGTGGAGTATATGCGATCCTTGCCAGGACCCAAAAGAGG  
 AGTCGCCTGTACACAGCCAGGAGAGTGGCTGCAATGAGTGTGGCTCAGAGAGTTGCTGATGAGATGGAC  
 GTGATGTTAGGCCAGGAAGTTGGATACTCCATTGATTGAAAGACTGCAGTAGTCAAAAACCATTTCTTA  
 AGTATATGACTGACGGGATGCTACTTCTGTAAGCCATGAACGATCCCTTCTGGAGCGTTATGGTGTGAT  
 AATTCTTGATGAGGCCATGAAAGAACATTGGCTACAGATATTCTCATGGGTGTTCTAAAGGAAGTTGTA  
 AGACAGAGATCAGATTTAAAGGTTATAGTTATGAGTGTACCCAGATGCTGGGAAATCCAGATTTACT  
 TTGATAACTGTCCTCTTAACTATTCTGGCCGAACACATCCTGTTGAGATTTTTATACTCCAGAACC  
 AGAGAGAGATTATCTTGAAGCAGCAATTCGGACAGTGTCCAAATACATATGTGTGAAGAGGAGGAAGGA  
 GACCTTCTCTTTCTTGACTGGTCAAGAGGAAATGATGAGGCCTGAAGAGAATAAAGCGTGAAGTTG  
 ATGATTTGGGCCCTGAAGTTGGTGATATTAATAATCATTCCATTATATTCTACACTCCACCCAGCAGCA  
 ACAACGCATTTTTGAGCCACCACCTCAAAAAACAGAATGGAGCAATTGGAAAGAAAGGTTGGTGTCA  
 ACTAATATTGCAGAGACCTTTTGACAATAGACGGTGTGGTGTGTAATTGACCCCTGGATTTGCAAAAC  
 AAAAGGTATATAATCCTAGAATCAGAGTCGAGTCTCTTCTGGTACTGCCATTAGTAAAGCTTCAGCTCA  
 GCAAAGGGCGGGTCGAGCTGGACGGACCAGACCTGGGAAATGCTTCAGGCTTTATACAGAGAAAGCTTAT  
 AAAACAGAAATGCAGGACAACACCTATCCTGAGATCCTGCGCTCTAACCTAGGATCGGTTGTTGCAGC  
 TGAAGAAGCTTGGTATTGATGACTTGGTACACTTTGATTTATGGACCCACCAGCTCTGAAACTCTGAT  
 GAGAGCCCTAGAACTTTGAATTATTTGGCTGCTTTAAATGATGATGGAGATCTGACTGAATTGGGATCC  
 ATGATGGCAGAGTCCCTTTAGATCCACAGCTCGCTAAAATGGTTATTGCAAGTTGTGACTACAAGTGT  
 CTAAATGAGGTCTATCTATTACTGCTATGTTGTACAGTCCACAGTGTGTTGTCGCCCCACGGAGGCCAA  
 GAAAGTGCAGATGAGGCCAAGATGAGATTTGCCACATAGATGGAGATCATCTGACACTGCTGAATGTC  
 TACCACGCTTTTAAACAAAATCATGAATCTGTTCAAGTGGTGTATGACAACCTCATTAACTACCGGTCCC  
 TGATGTCTGCAGACAATGTACGCCAGCAGCTATCAAGAATTATGGACAGATTTAATTTGCCTCGTCGAAG  
 TACTGATTTACAAGCAGGGACTATTATATAATAAGAAAAGCTTTGGTACTGGGTATTTTATGCAA  
 GTAAGTAGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001042620  
**Insert Size:** 2112 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001042620.2, NP_001036085.1</u>
<b>RefSeq Size:</b>	3009 bp
<b>RefSeq ORF:</b>	2112 bp
<b>Locus ID:</b>	13204
<b>Cytogenetics:</b>	5 C1
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) contains an alternate 3' terminal exon, resulting in a different 3' UTR and 3' coding region, compared to variant 2. It encodes isoform 1, which has a shorter and distinct C-terminus, compared to isoform 2.</p>