

## Product datasheet for **MC221523**

### Hectd2 (NM\_001163471) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hectd2 (NM_001163471) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hectd2
Synonyms:	4921524L07; A630025O09Rik; AW212605
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221523 representing NM\_001163471  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAGTGAGGCGGCTCGGGATCTCTCGCCCGAGCGCCGCGCGGTAGCCGCGGCCCGCCCGGAGGAGA  
 GGAAGGGGAAAGAACCGGAGCGCGAGAAGCTGCCGCCATCGTGACGGCCGGCGCAGCCGGGCTTGGA  
 CAGAGGATCCAAGGGCCAGATTTCCACCTTCAGCAGCTTTGTCTCGACTGTCACCCAGAAGAAGGAAGCT  
 GCTGAGAACAGAAGCTCGCCTACCCACCTTGCTCTCCCTAACATCAGGAATGTGAGAGACCTACCACCAA  
 TTTGTCTTGATGTTAGACAAAAACAGCGCATGTCTGTGGAAGCGTTACCATCTGAAGTGAAGTCCC GCC  
 CCTTCCAGAACCTTCTTCTAGCCAGCCAAAAGTGTAAAAGACTTTGAGGAAGATTTAGAAAAAGCT  
 GAGGCCACAGGAATTGGAAGACAGTACATGCTTTTTATATAACAGCATTGATTCTTTCACAGAACTAA  
 AACTGCATTTAAGAAAGATGCCAGGCCTCATTAATACTATTGAGGACTCTGGGCTTAATGCCAATTT  
 GGTGAATGCTGTGTTGATGCCTTACTTAATACTCCTCAAGATATCCAGAAGTCAGTATTGAAGGGAATC  
 ATTAACAGCTTGTACAAGAATGAAAGGTCACGAACAAAAGATGATCTTAGAGCATATTTTATACTGT  
 TACAGAATCCTCAATTAATATCACATCTACATATGTCATCTATGCTCATTGCTACGACAGATAGCTAC  
 CTTAGTGGAAGCTGACCATCACTTCTAGTTCACTGGCTTAAAAAATATCCCAGAAGAAATTAAGCAA  
 CTGGTAGAGAGATTGCTGCAATTTGTTTCTTACGGCTGTTTCCAGCAAAACCTGAAGAATTCGCCCTC  
 TAACGAAGTGTACCTGGTGGATCCCATCAGCCGCTAAAGTTCTGGCTTTGCTTAACACTGCCAACATTT  
 GGTTACCCTCCCTCGTTCCTTACACTGATTTCTATAATTCTACCCTGGATCACATTGATCTCATGGAA  
 GAGTATCACACGTGGCAGAGCTTTGGAACTCTCACAGCAGGTTTCTTCTGTGAGTACCCATTCGTTA  
 TTTCTATAGCTGCAAAAAAATCATTATTCAAAGAGACTCAGAACAACAGATGATAAGCATCGAAGGCA  
 AAGTCTGGTGGATAAAGTATCTCGAAGACAAGACCTGATATGAATATGTTATTTCTAAATATGAAAGTA  
 AGGAGGACACATCTGTTAGCGACTCACTTGTGAGTTAACCCGGAAGAGAGCTGACTTGAAGAAGAAGT  
 TGAAAGTTACATTTGTAGGTGAAGCTGGTTGGATATGGGCGGCTTGACTAAAGAATGGTTCCTTCTTCT  
 AATTCGCCAGATTTTCCATCCAGATTATGGCATGTTTACATACCACAAGGATTCACACTGCCATTGGTTT  
 AGCAGCTTTAAATGTGATAACTATTCTGAATCCGATTGGTTGGAATTCATGGGACTAGCTGTTTATA  
 ACAGCATCACCTGGATATTCGTTTTCTCCCTGCTGTTACAAAAAATTAAGGCTCCTGCTGCTGCTACC  
 AAGTGATCAGAGTACACCAGTAGGCATCTGCAGTGTACCATTGACGACTTGCCAGGTTATGCCTGAA  
 TTGGCCCATGGACTAAAGGAACCTTTATCATATGAAGGCAACGTTGAAGAAGATTTCTATTCAACATTT  
 AGGTTTTTCAAGAAGAATTTGGAGTAATTAATCCTATAACTTAAACCAGGGGGTGATAAGATTCCAGT  
 TACCAATCAGAATAGAAGAGAGTATGTACAGCTTTATACTGACTTCTGTTGAACAAATCTATCTATAAG  
 CAATTTGCTGCATTTTACTGTGGATTTCATAGTGTGTGCTTCAAATGCCCTAATGCTGCTTCGCTCCAG  
 AAGAAGTAGAAATCCTGGTTTGTGGCAGTCTGAACTGGATATGCATGCACTGCAGAGGAGCACACAGTA  
 CGACGGCTATGCGAAGACAGACCTGACCATACGATACTTTGGGATGTTGTGCTTGGATTCCACTTGAA  
 CTTTCAGAAAAAGCTGTTACACTTACTACAGGAAGCGACAGAGTACCTGTTGGAGGGATGGCTGATTTGA  
 ATTTTAAATTTCAAAGAATGAACTTCTACTAAGTGGTTACCTGTGGCACACACTTGTTCATCAACT  
 CTGCCTTCCCCATACAAGAGCAAAAAGATCTGAAACAGAACTGATTATTGGAATTTCAAATTCAGAA  
 GGTTTTGGACTTGAATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001163471  
**Insert Size:** 2328 bp

<b>OTI Disclaimer:</b>	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><a href="#">NM_001163471.1</a></u> , <u><a href="#">NP_001156943.1</a></u>
<b>RefSeq Size:</b>	4774 bp
<b>RefSeq ORF:</b>	2328 bp
<b>Locus ID:</b>	226098
<b>UniProt ID:</b>	<u><a href="#">Q8CDU6</a></u>
<b>Cytogenetics:</b>	19 C2
<b>Gene Summary:</b>	<p>Probable E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>