

Product datasheet for **RN217197**

Hectd2 (NM_001107608) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hectd2 (NM_001107608) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hectd2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217197 representing NM_001107608

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGTGAGGCGGCTCGGGATCTCTCGCCCGAGCGCCGCGCGGTGGCCGCGGCCCTCTGAGGAGA
GGAAGGGGAAAGAGCCCGAGCGCGAGAAGCTGCCGCCATCGTGACGGCCGGCGCAGCCGGGGCTTGGA
CAGAGGATCCAAGGGCCAGATTTCCACTTTTAGCAGCTTCGTTTCAAGTGTACCCAGAAGAAAGAGCC
GCTGAAAATAGAAGCTCGCTACCCATCTTGCTCTCCCTAACATCAGGAATGTGAGAGACCTACCACCA
TTTGTCTTGACGTTAGACAAAAACAGCGCATGTCTATGGATTCTTATCATCTGAAGTGAAGGTCCCACC
CCTTCCAGAACCTATTCTTCTAGCCAGCCAAAAGTGTGAAAGACTTTGAGGAAGATTTAGAAAAAGCT
GAGGCCACAGGAATTGGAAAACAGTACATGCTTTTTATATAACTGCATTTGATTCTTTCACAGAATTAA
ATGCTGCATTTAAGAAAGATGCCACAGCCTCATTTAATACTATTGAGGACTCTGGGATTAATGCCAATTT
GGTGAATGCTGTATTTGATGCCTTACTTAATACTCCTCAAGATATTCAGAAAGTCAGTATTGAAGGGAATC
ATTAACAGCTTGTTACAAGAATGAAAGGTCCACGAACAAAAGATGATCTTAGAGCATATTTTATACTGT
TACAGAATCCTCAATTTAATATCACATCTACATATGTCATCTATGCTCACTTGCTACGACAGATAGCTAC
CTTAGTGGAAGCTGACCACCATTTCTAGTTCACTGGCTTAAAAAATTATCCAGAAAGAAATTCAGCAA
CTGGTAGAGAGATTGCTGCAATTTGTTTCTTACGCTGTTTCCAGCAAAACCTGAAGAATTCGCCCTC
TAACAAAGTGACCTGGTGGATTCCATCAGCTGCTAAAGTTCTGGCTTTACTTAATACTGCCAACATTT
GGTTCACCCACCCCTTGTTCTTACACTGATTTCTATAATTCTACCTGGATCACATTGATCTCATGGAA
GAGTATCATACTTGGCAGAGCTTTGGGAATTCACAGGTTTTCTTCTGTCAGTACCCATTCTGTTATTT
CTATACTGCAAAAAAATCATTATTCAAAGAGACTCAGAACAACAGATGATAAGCATCGCAAGGCAAG
TCTGGTGGATAAAGTATCACGAAGACAAAGACCTGATATGAATATGTTATTTCTAAATATGAAAGTAAGG
AGGACACATCTGGTTAGCGACTCACTTGATGAGCTGACCCGGAAGAGCTGACTTGAAGAAGAAATTTGA
AAGTTACATTTGTAGGTGAAGCTGGTTTGGATATGGGTGGCTTGACTAAAGAATGGTTCTTCTCTAAT
TCGCCAGATTTTCCATCCAGATTATGGCATGTTTACATACCACAAGGATTCACACTGCCATTGGTTTAGC
AGCTTTAAGTGTGATAACTATTCTGAGTTCCGATTGGTTGGAATTCATGGGACTAGCTGTTTATAACA
GCATCACCTTGGATATTCGTTTTCTCCTGCTGTACAAAAAGTTACTGAGCCCTCCTGTTGTACCTAG
TGATCAGAGTACACCAGTAGGCATCTGCAGTGTTACCATTGACGACTTGCCAAATTATGCCTGAGTTG
GCCCATGGATTAAGGAACCTTATCATATGAAGGCAATGTTGAAGAAGATTTCTATTCAACATTCCAGG
TTTTTCAAGAAGAATTTGGAGTAATTAATCCTATAACTTAAAGCCAGGGGGTGATAAGATTCCAGTTAC
CAATCAGAATAGAAGAGAATATGTACAGCTTTATACTGACTTCCTTTGAACAAATCTATCTATAAGCAA
TTTGCTGCATTTTACTGTGGATTTATAGCGTGTGTGCTTCAAATGCCCTAATGTGCTTCGTCCAGAAG
AGGTTGAATTTCTGGTTTGTGGAAGTCTGAACCTGGATATGCACGCACTGCAGAGGAGTACACAGTATGA
TGGCTATGCAAAAACAGACCTGACCATAAGATACTTTTGGGATGTTGTGCTTGGATTTCTCTTGAACCT
CAGAAGAAGCTGCTACACTTTACCACAGGAAGCGACAGAGTACCTGTTGGAGGGATGGCTGATTTGAATT
TAAAAATTTCAAAGAATGAACTTCTACTAAGTGGTTACCTGTGGCACACACTTGCTTCAATCAACTCTG
CCTTCCCCATACAAGAGCAAAAAAGATCTGAAACAGAAACTGATTATTGGAATTTCAAATTCAGAAGGG
TTTGGACTTGAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001107608

Insert Size:

2325 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001107608.3, NP_001101078.3</u>
RefSeq Size:	4607 bp
RefSeq ORF:	2325 bp
Locus ID:	309514
Cytogenetics:	1q53