

Product datasheet for **SC112112**

HECTD3 (NM_024602) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HECTD3 (NM_024602) Human Untagged Clone
Tag:	Tag Free
Symbol:	HECTD3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_024602, the custom clone sequence may differ by one or more nucleotides

```

ATGGCGGGTCTGGCCCGGGCGCGGTGCTGGAGTCCCCCGGCAGCTGCTGGGCCGCGTGCCTTCTTGG
CAGAGGCAGCGCGGAGCCTCCGCGCCGGGCGGCCGCTGCCAGCAGCGCTGGCTTTCGTGCCGCGAGAGGT
GCTCTACAAGCTTTACAAGGACCCAGCGGGACCGTCGCGCGTGTCTTCCCGGTGTGGGAGCGAGAGGGC
CTGGGGCTGCGTGTGGGCGCCGACGCCCCAGCCCCGGTACCGGCTCCGGGCCCTCCGCGCCGCCCGCG
ACAGCATTGAGCTCCGGCGCGGCCCTGCGTGCGCACCCAGGGCGAGGAGCTGTGAATGCCACCGGGCT
CTGGGTGAAGCTGACAAAGGAGCAGCTGGCAGAGCACCTGGGCGACTGCGGGCTGCAGGAAGGCTGGCTG
CTGGTGTGCCGCCGGGAGGGCGGAGCCCGCTGGTACCCATCGACTCCCAACCACCTCCAGCGGC
AGCAGCAGCTCTTGGCGTGGATTATCGGCCGGTCTCAGGTGGGAACAGGTGGTGGACCTGACATACTC
ACATCGCCTGGGATCGAGACCTCAGCCGGCAGAGGCATACGCAGAAGCTGTACAAAGCTACTCTATGTA
CCCCGACATGGACCTACGAGTGCAGCAGGACCTGATCCACTTCTTGTATGACCACCTGGGCAAGGAGG
ATGAGAACCTGGGTAGCGTGAAGCAGTATGTGGAGAGCATAGACGTTTCTCCTACACGGAGGAGTTCAA
CGTGTCTGCCTGACAGACAGCAATGCCGATACCTACTGGGAGAGCGATGGGTCCCAAGTCCCAACTGG
GTACGGCTTACTATGAAGAAGGGCACCATTTGTCAGAAGCTGCTACTCACAGTGGATACCACAGATGACA
ACTTTATGCCAAAGCGGGTGGTGGTCTATGGGGTGAAGGGGACAACCTGAAGAAGCTGAGTGACGTGAG
CATTGACGAGACCCTCATCGGGATGTCTGTCTGGAGGACATGACCGTCCACCTCCCGATCATCGAG
ATCCGCATCGTGGAGTCCGAGATGATGGGATTGATGTTCTGCTCCGAGGGGTCAAGATCAAGTCATCTA
GACAGCGGGAAGTGGTGAATGCAGACCTGTTCCAGCCAAGTCTGGTGGCATATCCACGCCTAGA
AGGCACCGACCCTGAAGTACTGTACCGCAGAGCTGTCTCCTGCAGAGATTATCAAGATCCTCGATAGT
GTCTCGCACCACTGGTACCTGCCTGGGACCACACTGGGCACCTTCAGTGAGATTAAGCAAGTGAAGC
AGTTCCTACTGCTGTCCCGCCAGCGGCCAGGCCCTGGTGGCTCAGTGCCTGCGTGACTCTGAGAGCGCAA
GCCAGCTTATGCCACGCCTATACATCAACCGCGTCTTGCCATGGAACACCGTGCCTGCCCTCTCGA
GACCCTGCCTGCAAGAATGCAGTCTTACCAGGTATATGAAGGCCTCAAGCCCTCTGACAAATATGAAA
AGCCCCTGGACTACAGGTGGCCATGCGCTATGACCAGTGGTGGGAGTGTAAATTTATTGCAGAAGGCAT
CATTGACCAAGGGGGTGGTTCCGGGACAGCCTGGCAGATATGTCAGAAGAGCTGTGCCCTAGCTCAGCG
GATACCCCGTGCCCTGCCCTTCTTGTACGCACAGCCAACCAGGGCAATGGCACTGGTGGGCTCGGG
ACATGTATGTACCAACCCCTCCTGCCGAGACTTTGCCAAGTATGAATGGATCGGACAGCTGATGGGGC
TGCCCTTCGGGGTAAGGAGTTCCTGGTCTGCCCTGCCTGGTTTTGTGTGGAAGCAGCTTCTGGTGG
GAGGTGAGCTGGAGCAAGGACTTCCAGCTGTGGACTCTGTGCTGGTGAAGCTCCTGGAAGTATGGAAG
GAATGGACAAGGAGACGTTTGAAGTTCAAGTTTGGGAAGGAACTAACATTACCACTGTACTGAGTGACCA
ACAGGTGGTGGAGCTGATCCCTGGGGTGCAGGCATCGTCTGGGATATGGGGACCGTTCTCGTTTCATC
CAACTGGTCCAGAAGGCACGGCTAGAGGAGAGCAAGGAGCAGGTGGCAGCTATGCAGGCAGGTCTGCTGA
AGGTGGTACCACAGGCTGTGCTGGACTTGTGACCTGGCAAGAGTTGGAGAAGAAAGTGTGTGGGGATCC
AGAGGTCACTGTGGATGCTCTGCGCAAGCTCACCCGGTTTGGAGACTTCGAGCCATCTGACTCGCGGGTG
CAGTATTTCTGGGAGGCACTGAACAACCTCACCAACGAGGACCGGAGCCGCTTCTGCGCTTTGTACGG
GCCGAGTCCCTGCCAGCAGGATCTACATCTACCCAGACAAGCTGGGCTACGAGACCACAGACGCGCT
GCCCGAGTCTTCACTTGTCCAGCACCTTCTCCTGCCACACTATGCCAGTGCCAAGGTATGCGAGGAG
AAGCTCCGCTATGCGGCCTACAACCTGCGTGGCCATCGACTGACATGAGCCCTTGGGAGGAGTGA
    
```

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024602 unedited
 CCGTTCAGATTTGTAACGACTCATATAGGCGGCCGCAAATTCGCACGAGGGCACAGCC
 AACCCAGGGCAATGGCACTGGTGAGGCTCGGGACATGTATGTACCCAACCCCTCCTGCCGA
 GACTTTGCCAAGTATGAATGGATCGGACAGCTGATGGGGGCTGCCCTTCGGGGTAAGGAG
 TTCCTGGTCTCGCCCTGCCTGGTTTTGTGTGGAAGCAGCTTTCTGGTGAGGAGGTGAGC
 TGGAGCAAGGACTTCCCAGCTGTGGACTGTGCTGGTGAAGCTCCTGGAAGTGATGGAA
 GGAATGGACAAGGAGACGTTTGAAGTTCAAGTTTGGGAAGGAACTAACATTCACTGTA
 CTGAGTGACCAACAGGTGGTGGAGCTGATCCCTGGGGGTGCAGGCATCGTCGTGGGATAT
 GGGGACCGTTCTCGTTTCATCCAAGTCCAGAACGACGCGCTAGAGGAGAGCAAGGAG
 CAGGTGGCAGCTATGCAGGCAGGTCTGCTGAAGGTGGTACCACAGGCTGTGCTGGACTTG
 CTGACCTGGCAAGAGTTGGAGAAGAAAGTGTGTGGGGATCCAGAGGCTACTGTGGATGCT
 CTGCGCAAGCTCACCCGGTTTGAAGACTTCGAGCCATCTGACTCGCGGGTGCAGTATTTT
 TGGGAGGCACTGAACAACCTCACCAACGAGGACCGGAGCCGCTTTCTGCGCTTTGCACG
 GGCCGAGTCGCCTGCCAGCACGGATCTACATCTACCCAGACAAGCTGNGCTACGAGACC
 ACAGACGCGCTGCCCGAGTCTTCACTTGTCCAGCACCTCTTTCTGCCACACTATGCC
 AGTGCCACAGTATGCGAAGAGAACCTCCGCTATGCGGCCTACAACCTGCGTGGGCATT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024602 unedited
 CCTGAGTCGAGTAAAAATCTTTTTTTTTTGAATTCATCCATTTATTTCAACTTTCCGGTA
 TGCAAGAAGTTCCTTTTCATGGAGTGTAAACGGCAGGCCCTGAGGGAGGAACGGCAAAGTGG
 GGCAGGGGTGTGCATAGCTCTAGGAACAGGTTCAAGGCCTAGGCTTTACAGTTGGGGAAA
 GGGGAGCTATTACAGATTTTATTGGCCATAACTGGCCTTAACCTGTGCAAAACCTTGGG
 GGTGAAAGGGCAGACAGGGAGCCAGGCTGGAGGCGATGGCCAAGCGAGGAACACGGCGAG
 GCTGCGGCACCACAGCCACATTGAGCGGATGTGGCCCCCTGAGCCAGGGAAGGTGGCGG
 TACTCTGAGCGTCGACACTGGGCTGGCCCAACAACACACCACCATCCCTGGCGCGGA
 GGGAGAGGGGAAAAGAGCACCTCGCGACGGCACGTGCTAACCAACTGACACCTTATCGCA
 GCACGCGACCCAGGCCACCGCTCATACTACCTGCTTCTCCCCACCTACACTGCTTGGCG
 CAGGGGCCCCCTACTCTCCAGTGCCCCACGCTCCAACCCGACTCTGCCCCCCCCA
 GCCCCCCCCCCACCGTTCAACCAGCTCCCCTTCCCCGCCCTTACCCCTCGGCCCGGTG
 TTATCGGCCCTTCCCACCCCTCCCACCCCTCCCCCCCCCTCCCCCCCCCTCCCCCTTCCC
 CTCCCACACCCTTTTTTCGCCCCCCCCCCCTCTCCACTCCCGTCCCTTTCCCTCTCTCCA
 GTTACCCCCCTTCTCCCTCCACCCCGCCCCCTCCTTCTCCACCCCCCCCCACC
 CCTCCCCGCTATTCCCTCCCGTCAACCCTTCTGTCCCTCATCCCCCTCCGCCACCTTC
 CCCCTCCATCCCCCCCCCTCCCCCTTACTCCCCGTCCCCCTTCCCCACTACTTCT
 TACCTTCCCTCCCTTCTCCCTACCCACAGTCTCCCTAT

Restriction Sites:

NotI-NotI

ACCN:

NM_024602

Insert Size:

1900 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).

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_024602.3](#), [NP_078878.1](#)

RefSeq Size: 3628 bp

RefSeq ORF: 633 bp

Locus ID: 79654

UniProt ID: [Q5T447](#)

Cytogenetics: 1p34.1

Domains: HECT

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene transfers ubiquitin from an E2 ubiquitin-conjugating enzyme to targeted substrates, leading to the degradation of those substrates. The encoded protein has been shown to transfer ubiquitin to TRIOBP to facilitate cell cycle progression, and to STX8. [provided by RefSeq, Dec 2012]