

Product datasheet for **SC105470**

HECTD3 (AK096462) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HECTD3 (AK096462) Human Untagged Clone
Tag:	Tag Free
Symbol:	HECTD3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AK096462, the custom clone sequence may differ by one or more nucleotides

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ATGAAGAAGGGCACCATTGTCAAGAAGCTGCTACTCACAGTGGATACCACAGATGACAACTTTATGCCAA
AGCGGGTGGTGGTCTATGGGGGTGAAGGGGACAACCTGAAGAAGCTGAGTGACGTGAGCATTGACGAGAC
CCTCATCGGGGATGTCTGTGTCTGGAGGACATGACCGTCCACCTCCCGATCATCGAGATCCGCATCGTG
GAGTGCCGAGATGATGGGATTGATGTTTCGTCTCCGAGGGGTCAAGATCAAGTCATCTAGACAGCGGGAAC
TAGGGTTGAATGCAGACCTGTTCCAGCCAAGTCTGGTGCGATATCCACGCCTAGAAGGCACCGACCC
TGAAGTACTGTACCGCAGAGCTGTCTCCTGCAGAGATTCATCAAGATCCTCGATAGTGTCTGACCCAC
CTGGTACCTGCCCTGGGACCACACTGGGCACCTTCAGTGAGATTAAGCAAGTGAAGCAGTTCCTACTGC
TGTCCCGCCAGCGCCAGGCCTGGTGGCTCAGTGCCTGCGTGACTCTGAGAGCAGCAAGCCAGCTTCAT
GCCACGCCTATACATCAACCGCGTCTTGCCATGGAACACCGTGCCTGCCCTCTCGAGACCCTGCCTGC
AAGAATGCAGTCTTACCCAGGTATATGAAGGCCTCAAGCCCTTGACAAATATGAAAAGCCCTGGACT
ACAGGTGGCCCATGCGCTATGACCAGTGGTGGGAGTGTAAATTTATTGCAGAAGGCATCATTGACCAAGG
GGGTGGTTTCCGGGACAGCCTGGCAGATATGTCAGAAGAGCTGTGCCCTAGCTCAGCGGATACCCCGTG
CCCCTGCCCTTCTTTGTACGCACAGCCAACCAGGGCAATGGCACTGGTGAGGCTCGGGACATGTATGTAC
CCAACCCCTCCTGCCGAGACTTTGCCAAGTATGAATGGATCGGACAGCTGATGGGGCTGCCCTTCGGGG
TAAGGAGTTCCTGGTCTGGCCCTGCCTGGTTTTGTGTGGAAGCAGCTTCTGGTGAGGAGGTGAGCTGG
AGCTGGTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for AK096462 unedited TCATAGGCGGCCGCGACTTCGGCACGAGGCAAAGGCGGGGAAGGGCGTGGTGGGAAGCTC TGTCGCGGGTCCGCGCCAGCTGTTCCCGGGCAGGGTCCGCTCTAGGTGCTCACCTCCGCC ACTTCGCCATGGCGGGTCTGGCCCGGGCGCGGTGCTGGAGTCCCCCGGCAGCTGCTGG GCCGCTGCGCTTCTTGGCAGAGGCAGCGGGAGCCTCCGCGCCGGGCGGCCGCTGCCAG CAGCGCTGGCTTTCGTGCCGCGAGAGGTGCTCTACAAGCTTTACAAGACCCAGCGGGAC CGTCGCGCGTGTCTTCCCGGTGTGGGAGGCAGAGGGCCTGGGCTGCNGTGGGGGCGCCC GCAGGCCAGCCCCGGTACCGGCTCCGGGCCCTTCGCGCCGCCGCGACAGCATTGAG CTCCGGCGCGGCCCTGCGTGCGCACCCGCGGAGGAGCTGTGAATGGCCACGGGCTC TGGGTGAAGCTGACAAAGGAGCAGCTGGCAGAGCACCTGGGCGACTGCGGGCTGCAGGAA GGCTGGCTGCTGGTGTCCGCCCCGGGAGGGCGGAGCCCGCCTGGTACCCATCGACACT CCCAACCACCTCCAGCGGCAGCAGCAGCTCTTTGGCGTGGATTATCGGCCGGTGTCTCAGG TGGGAACAGGGTGGGGGACCTGACATACTCACATCGCTGGGATCGAGACCTCAACCGGC AGAAGCATACGCAGAAGCTGGACAAAGGCTACTCTATGTACCCCGACATGGACCTACGA GTGCGACGAGGACCTGATCCACTTTTTGGATGAACACCCTGGCAAGGGAAGATGAGAACC CTGGGTAGCGGGAAGCATTATGTGGGAAGAATTAACGTTTCTCTACCGGGAGGAATT AAACGTGTCCTGCCTGAAGACAGCATGGCCAAAC
Restriction Sites:	NotI-NotI
ACCN:	AK096462
Insert Size:	4000 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:	<ol style="list-style-type: none"> 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:	AK096462.1 , BAG53296.1
RefSeq Size:	3506 bp
RefSeq ORF:	1059 bp
Locus ID:	79654
Cytogenetics:	1p34.1
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]