

Product datasheet for **RC239547**

HECTD2 (NM_001284274) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HECTD2 (NM_001284274) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HECTD2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC239547 representing NM_001284274
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAGTGAGGCGGTTGCGGTACCTCGCCGCCACTCCGCTGGTGGTGGCGGCGGCCGCGCTGAGGAGA
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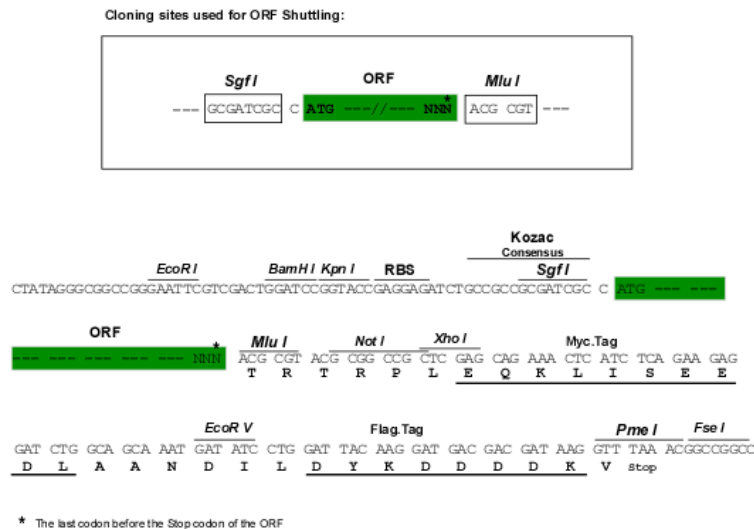
Protein Sequence: >RC239547 representing NM_001284274
 Red=Cloning site Green=Tags(s)

MSEAVRVSPATPLVAAAAPEERKKGESEREKLPPIVSAGAGATAGLDRGAKGQISTFSSFISAVSPKK
 EAAENRSSPAHLVFPNIKNVREPPICLDVRQKQRTSMDASSSEMKAPEILPIQPKTVKDFQEDVE
 KVKSSGDWKAVHDFYLTTFDSFPELNAAFKKDATASFNTIEDSGINAKFVNAVYDTLLNTPQDVQKTVLK
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 QKRFKQLVERLLQFISLRLLFPAKPEEFPPITKCSWWIPSAAKVLALLNTANNLVHPPLIPYTDIFYNSTLD
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 LNMKVRRLTHLVSDSLDELTRKADLKKKLKVTFFVGEAGLDMGGLTKEWFLLLIRQIFHPDYGMYTHKDS
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 QIMPELAHGLSELLSHEGNVEEDFYSTFQVFQEEFGIIKSYNLKPGGDKISVTNQNRKEYVQLYTDLLN
 KSIYKQFAAFYFGFHSVCASNALLRPEEVEILVCGSPDLMDHALQRSTQYDGYAKTDLTIKYFWDVVL
 GFPLDLQKLLHFTTGSDRVPVGGMADLNFKISKNETSTNCLPVAHTCFNQLCLPPYKSKDLKQKLIIG
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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001284274

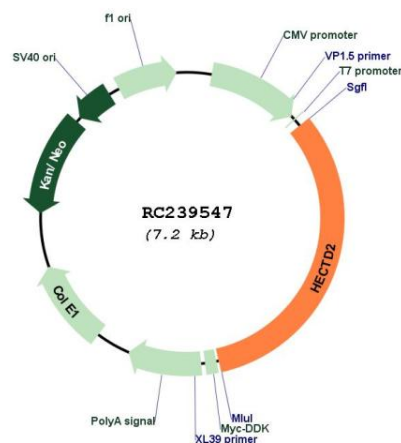
ORF Size: 2340 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001284274.2
RefSeq Size:	4975 bp
RefSeq ORF:	2343 bp
Locus ID:	143279
UniProt ID:	Q5U5R9
Cytogenetics:	10q23.32
Protein Families:	Druggable Genome
MW:	89.1 kDa
Gene Summary:	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]

Product images:



Circular map for RC239547