

Product datasheet for **SC126366**

KLHDC3 (BC009460) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHDC3 (BC009460) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLHDC3
Synonyms:	dj20C7.3; hPEAS; kelch domain containing 3; OTTHUMP00000039827; PEAS; RP1-20C7.3; testis intracellular mediator protein
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC009460 edited
 CTCGTTGGGGACTAAGGCGTTCGGTTGGCGCGCAACGGGTTCTAGGCTGCAGGCAGCTCGA
 GGACCCGCGGCCCCGCCCCGGCTCGGCCTGGCAGATAGCAGAGGCAGCAGGCCGTGCCGG
 GGGGGCATGTTGCTGTAAACAGTGGCCAGGGGATGTTACGGTGGACAGTGCACCTGGAG
 GGCGGGCCCCGAGGGTGAACCATGCTGCAGTGGCTGTCGGGCATCGGGTATACTCCTTC
 GGGGGTTACTGCTCTGGTGAAGACTATGAGACACTGCGTCAGATAGATGTGCACATTTTC
 AATGCAGTGTCTTTCGTTGGACAAAGCTGCCCCGGTGAAGTCTGCCATCCGTGGGCAA
 GCTCCTGTGGTACCCTACATGCGCTATGGACACTCAACCGTCTCATCGACGACACAGTC
 CTCCTTTGGGGCGGGCGAATGACACCGAAGGGGCTGCAATGTGCTCTATGCCTTTGAC
 GTCAATACGCACAAGTGGTTACACCCCGAGTGTGAGGGACAGTTCCTGGGGCCCGGGAT
 GGACATTCAGCCTGTGTCTAGGCAAGATCATGTACATTTTGGGGCTACGAGCAGCAG
 GCGGACTGTTTTCCAATGACATTCACAAGCTAGATACCAGCACCATGACATGGACTCTT
 ATCTGTACAAAGGGCAGCCCTGCACGCTGGAGGGACTTCCACTCAGCCACAATGTGGGA
 AGTCACATGTATGCTTTGGGGCCGTGCCGACCGCTTTGGGCCATTCCATTCCAACAAT
 GAGATTTACTGCAACCGCATTGAGTCTTTGACACCAGAACTGAGGCTTGCTGGACTGT
 CCCCCGACTCCAGTGTCTGCTGAGGGGCGCCGAGCCACTCGGCCTTTGGCTACAATGGG
 GAGCTGTACATCTTTGGTGGTTATAATGCAAGGCTGAACCGGCACTTCCATGACCTCTGG
 AAGTTTAACTCTGTGCTCTTACCTGGAAAAAGATTGAACCGAAGGGGAAGGGGCCATGT
 CCCCCCGGCGCCAGTGTCTGTATTGTTGGTGACAAGATTGCTCTTTGGGGGTACC
 AGTCCATCTCCTGAGGAAGGCTGGGAGATGAATTTGACCTTATAGATCATTCTGACTTA
 CACATTTTGGACTTTAGCCCTAGTCTGAAGACTCTGTGCAAACTGGCCGTGATTCAGTAT
 AACCTAGACCAGTCTGTTTGCCTCATGATATCAGGTGGGAGCTGAATGCCATGACCACC
 AACAGCAATATCAGTCGCCCCATCGTCTCCTCCCCCTTTGCCTATTCCTCCCCCTCTGCT
 TGAGCCTTGAGCCTTGACTGGGAGCTGAAAGGAGTTGCAGCTGTTGGCATGAGACCTCCT
 TCTCCCCGTCTTGGGGAGGTGGGGACCAGCAGATAAATCCACCCCTTCTTGAGCTGTGCG
 CTGTACTCTGAAGTTCAGCCAGCTCAGATTTTATAAAAATTAATTAATCTCCAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC009460 unedited
 GTTCAAATTTTGAATACGACTCACTATAGGGCGGCNCGCAATTCGCACGAGGCTCGTT
 GGGGACTAAGGCGTTCGGTTGGCGCGCAACGGGTTCTAGGCTGCAGGCAGCTCGAGGACCC
 GCGGCCCCGCCCCGGCTCGGCCTGGCAGATAGCAGAGGCAGCAGGCCGTGCCGGGGGGG
 ATGTTGCTGTAAACAGTGGCCAGGGGATGTTACGGTGGACAGTGCACCTGGAGGGCGGG
 CCCCCGAGGGTGAACCATGCTGCAGTGGCTGTCGGGCATCGGGTATACTCCTTCGGGGGT
 TACTGCTCTGGTGAAGACTATGAGACACTGCGTCAGATAGATGTGCACATTTTCAATGCA
 GTGCTCTGCGTTGGACAAAGCTGCCCCCGGTGAAGTCTGCCATCCGTGGGCAAGCTCCT
 GTGGTACCCTACATGCGCTATGGACACTCAACCGTCTCATCGACGACACAGTCTCCTT
 TGGGGCGGGCGGAATGACACCGAAGGGGCTGCAATGTGCTCTATGCCTTTGACGTCAAT
 ACGCACAAGTGGTTACACCCCGAGTGTGAGGGACAGTTCCTGGGGCCCGGGATGGACAT
 TCAGCCTGTGCTTANGCAAGATCATGTACATTTTGGGGGCTACGAGCAGCAGGCGGA
 CTGGTTTTCCAATGACATTCACAAGCTAGATACCAGCACCATGACATGGACTCTTATCTG
 TACAAGGGCAGCCCTGCACGCNTGGAGGACTTTCACTCAGCCACATGCTGGGAAGTCAC
 ATGTATGTCTTTGGGGCCGTGCCGACCGCTTTGGGCCATTCCATTCCACAATGAGGA
 TTAAGTGAACCGCATTGAGTCTTGTGACACCAAACTGGAGCTTGCTGGACTGTCCCCCG
 ACTCATGCTGCTGAGGGGCGCCGACCCATCGGCCTTGGCACAATGGGGAGCTGTCAT
 T

Restriction Sites: Please inquire
ACCN: BC009460

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:	<u>BC009460.1</u> , <u>AAH09460.1</u>
RefSeq Size:	1525 bp
Locus ID:	116138
Cytogenetics:	6p21.1
Gene Summary:	The protein encoded by this gene contains six repeated kelch motifs that are structurally similar to recombination activating gene 2, a protein involved in the activation of the V(D)J recombination. In mouse, this gene is found to be expressed specifically in testis. Its expression in pachytene spermatocytes is localized to cytoplasm and meiotic chromatin, suggesting that this gene may be involved in meiotic recombination. [provided by RefSeq, Jun 2012]