

Product datasheet for **SC321285**

KLHDC3 (NM_057161) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHDC3 (NM_057161) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLHDC3
Synonyms:	dj20C7.3; PEAS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_057161.2
 ATCTCGTTGGGACTAAGGCGTCGGTTGGCGCGCAACGGGTTCTAGGCTGCAGGCAGCTC
 GAGGACCCGCGGCCCCGCCCCGGCTCGGCCTGGCAGATAGCAGAGGCAGCAGGCCGTGCC
 GGGGGGGCATGTTGCTGTAACCACTGGCCAGGGGATGTTACGGTGGACAGTGCACCTGG
 AGGGCGGGCCCCGAGGGTGAACCATGCTGCAGTGGCTGTCGGGCATCGGGTATACTCCT
 TCGGGGGTTACTGCTCTGGTGAAGACTATGAGACACTGCGTCAGATAGATGTGCACATTT
 TCAATGCAGTGTCTTGGTTGGACAAAGCTGCCCCGGTGAAGTCTGCCATCCGTGGGC
 AAGCTCCTGTGGTACCCTACATGCGCTATGGACACTCAACCGTCCTCATCGACGACACAG
 TCCTCCTTTGGGGCGGGCGGAATGACACCGAAGGGGCTGCAATGTGCTCTATGCCTTTG
 ACGTCAATACGCACAAGTGGTTCACACCCGAGTGTGAGGGACAGTTCCTGGGGCCCCGGG
 ATGGACATTGAGCCTGTGCTCCTAGGCAAGATCATGTACATTTTTGGGGGCTACGAGCAGC
 AGGCGGACTGTTTTTCAATGACATTACAAAGCTAGATACCAGCACCATGACATGGACTC
 TTATCTGTACAAAGGGCAGCCCTGCACGCTGGAGGGACTTCCACTCAGCCACAATGCTGG
 GAAGTCACATGTATGCTTTGGGGGCCGTGCCGACCGCTTTGGGCCATTCCATTCCAACA
 ATGAGATTTACTGCAACCGCATTGAGTCTTTGACACCAGAACTGAGGCTTGGCTGGACT
 GTCCCCGACTCCAGTGTGCTGAGGGCGCCGAGCCACTCGGCCTTTGGCTACAATG
 GGGAGCTGTACATCTTTGGTGGTTATAATGCAAGGCTGAACCGGCACTTCCATGACCTCT
 GGAAGTTTAATCCTGTGCTCTTTACCTGGAAAAAGATTGAACCGAAGGGGAAGGGGCCAT
 GTCCCCGCGGCGCCAGTGTGCTGATTGTTGGTGACAAGATTGTCTCTTTGGGGGTA
 CCAGTCCATCTCTGAGGAAGGCTGGGAGATGAATTTGACCTTATAGATCATTCTGACT
 TACACATTTTGGACTTTAGCCCTAGTCTGAAGACTCTGTGCAACTGGCCGTGATTCACT
 ATAACCTAGACCAGTCTGTTTGCCTCATGATATCAGGTGGGAGCTGAATGCCATGACCA
 CCAACAGCAATATCAGTCGCCCCATCGTCTCCTCCCATGGGTAGGAGGAAGTTTCTGCCA
 CCTCCCCCTCTGAGCCTGCTGTCTTCACTGCCCCCTGCCCATCTGTCAACCCACCTGCT
 CCTTTGACCCCTGGACTTGGTATACCTCCATGTGGAGTTGTTGGGCGAGAGGTGTTCTCT
 GTGCTGTGAATTCAGTGGGGAGCTGTAGCGGGTGGGGGCTAGGTTCTCCCCCTTGGG
 CCGAGGGCCCCCTTCCCCTTGGTGTCTGTCCCCATCCACCTCCTTTAGCTGCTCCTGGG
 CCTCAGCTCTGCCAGGGCCAGCCAGGTTCTGCTGGGAAGGGAAGGGAATGGGGAGAAGG
 GAGAAGCAAGCAGTGTCTGAGCCTCAGGAGCTTCCCCCTCCCCCTTGCCTATCCCCTCC
 CCTCTGCTTGAGCCTTGAACCTTGAAGGAGTGAAGGAGTTGCAGCTGTTGGCATGA
 GACCTCCTTCTCCCCGTCTTGGGGAGGTGGGGACCAGCAGATAAATCCCACCTTCTTG
 AGCTGTCGCTGTACTCTGAAGTTCAGCCAGCTCAGATTTATAAAAAATTAATTAATATCT
 CAAA

Restriction Sites: Please inquire

ACCN: NM_057161

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_057161.2, NP_476502.1</u>
RefSeq Size:	1879 bp
RefSeq ORF:	1149 bp
Locus ID:	116138
UniProt ID:	<u>Q9BQ90</u>
Cytogenetics:	6p21.1
Domains:	Kelch
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] Transcript Variant: This variant (1) encodes the functional protein.