

## Product datasheet for **SC101131**

### KLHDC8B (NM\_173546) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	KLHDC8B (NM_173546) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLHDC8B
Synonyms:	CHL
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC101131 sequence for NM_173546 edited (data generated by NextGen Sequencing)

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ATGTCTGCAGGAGGTGGCCGGGCTTTGCTTGGCAAGTGTCCCCCATGCCACTTGC
CGGGTCTATGGCACAGTGGCACACCAAGATGGGCACCTGCTGGTGTGGGGGTTGTGGC
CGGGCTGGACTGCCCTGGACACTGCTGAGACACTGGACATGGCCTCGCACACATGGCTG
GCACTGGCACCCCTGCCACTGCCCGGGCTGGTGCAGCTGCGGTAGTTCTGGCAAGCAG
GTGCTAGTGGTGGGTGGTGTGGATGAGGTCCAGAGCCGGTAGCTGCTGTAGAGGCCTTC
CTGATGGATGAGGGCCGCTGGGAGCGTCGGGCCACCTCCCTCAAGCAGCCATGGGGTT
GCAACTGTGGAGAGAGATGGTATGGTGTATGCTCTGGGGGAATGGGCCCTGACACGGCC
CCCCAGGCCAGGTACGTGTGTATGAGCCCGTCGGGACTGCTGGCTTTCGCTACCCTCC
ATGCCACACCCTGCTATGGGGCTCCACCTTCTGCACGGGAACAAGATCTATGTCCTG
GGGGCCGCCAGGCAAGCTCCCGGTGACTGCTTTTGAAGCCTTTGATCTGGAGGCCGT
ACATGGACCCGGCATCCAAGCCTACCCAGCCGTGGGGCTTTGCTGGCTGCGCCATGGCT
GAAGGCAGCGTCTTTAGCCTGGGTGGCCTGCAGCAGCCTGGGCCCAACAATTCTACTCT
CGCCACACTTTGTCAACTGTGGAGATGTTTGACCTGGAGCATGGGTCTGGACAAA
TTGCCCGCAGCCTGCGCATGAGGGATAAGAGGGCAGACTTTGTGGTTGGGTCCCTTGGG
GGCCACATTGTGGCCATTGGGGCCTTGGAAACCAGCCATGTCCTTTGGGCTCTGTGGAG
AGCTTTAGCCTTGACGGCGGCTGGGAGGCATTGCCTGCCATGCCACTGCCCGCTGC
TCCTGCTAGTCTGCAGGCTGGGCCCGGCTGTTTGTATTGGGGGTGTGGCCAGGGC
CCAGTCAAGCCGTGGAGGCACTGTGTCTGCGTGTGGGTCTGA
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Clone variation with respect to NM\_173546.2



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_173546 unedited</p> <pre> AGTATTTTGTAAACGACTCACTATAGGGCGGCCGCAAATTCGCACCAGGCCCGATTCA GCCCCAGCCAGATCCCAGCTCACGGAGGCGGAACGGCGGACCCCGTACCCTGGCAGCATC GGAGCACCAGCGGGTGAAGGCAAGTCCCTGGACTGGTCATATACCTCTTGTGGCCCTGG CAGAATCAAGATGAGGCCCTGTCATGCCTCCCCAGTGAGGCCTACAGTCTGAGCAGACAG CATGGCTGCCACTGGCAGTGAACACCATGTCTGCAGGAGTGGCCGGCCTTTGCTTGG CAAGTGTCCCCCATGCCACTTGCCTGGTCTATGGCACAGTGGCACACCAAGATGGG CACCTGCTGGTGTGGGGGTTGTGGCCGGCTGGACTGCCCTGGACACTGCTGAGACA CTGGACATGGCCTCGCACACATGGCTGGCACTGGCACCCCTGCCACTGCCCGGGTGGT GCAGCTGCGGTAGTTCTGGGCAAGCANGTCTANTGGTGGTGGTGTGGATGAGGTCCAG AGCCCGGTAGCTGCTGTAGAGCCCTTCTGATGGATGAAGGCCCGCTGGAGCGTCNGGCC ACCCTCCCTCAAGCAGCCATGGGGTTGCAACTGTGGAGAGAGAATGTATGGTGTATGCT CTGGGGGAATGGCCCTGACACGCCCCAGCCANGTACGTGTGTATGAGCCCGTCCG GGACTGTTGGCTTTNGCTACCTTCATGCCACACCCTGCTATGGGCTNCACCTTCTGCA CGGAACAAGATTATGCTCTGGGGCCGCCAGGCAAGCTCCCGNGACTGCTTTTGAACTT TTGATTCGGAGGCCCTACATGTACCCGGATCCAACTACCCACCCTTGGCCTTGTGCT GCCCATGGTGAAGCCACGCTTACCCTGGTGGCTCGAAAACCTGGCCCCAAATATATTTT CCT </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_173546 unedited</p> <pre> GGGCGCAATACGTATGTACGCGCCGATTCTANNGATCGGTTTTTTTTTTTTTTTTTTTT TTTTTAGCAGCACTTTTACTTCCACATCCAACTCCCTGGGTCTCACAACAGCCCTGTG AGGTAGGTAGGGTAGGAAGTTCAGAGATCCCCATTTATAGATGAGGATGCTGAGGCAC AGAGAGGTGAAGTGACTTGCCAAGGTCATACAACCAGCATTGTTTTAGGGCTCAAAGCC AGCATTCTCCACTTGAACCTCTGCGCTCCGGCCCTCTGGCAGTCCCACATCCTCTCTA TTCTCTGTGTCCCCACCCTCTCAACTCTCCTGGGTCTACAGGGACCCTAAAGGCAGC CTGGCAGCTGAGATTTTTAGGAATGGCAACTGGGGTAGGCTGGTCAACTCCAGATAGG AACTGACCCTGAAGAGCATGAGGCCAGCTTTGCTTCTCCCATTTCCAGTTGGATGGAA GGCCTAGTAGGTCCCAAGGCAAGGATGGAGCTAGGCATGATTCATGAACGAATGGTGATA AAGGGAGGGTAAGCATATGTGTGTCCTGACTAAAAACAAGGCTCCCTAACCCAAGG CCCCAAGGGGAAGGTTCAAGTGCTTAACCCCTTGCTCTTTTATTCCACAGAGGCCAG TGAGTGGCTCAGCCGCCAAAAGGGCCCTAAAAATAGCTGCCCTGGGCATGAGCTGCT TCCATGGGAAAAGTTCAACTCAGCCTTTAAGACCCCTTACGCAGGACCATGGCCTCTCC GGTTGTCTTGGGGCCCTGGGGCCACCCCAAAAAAAAAAAGCCGGGGGCCACCCTGTAA ATTAACAAGACCACCGCCAGTGGCTTGTAGGCAAGA </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_173546
<b>Insert Size:</b>	2000 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_173546.1](#), [NP\\_775817.1](#)

**RefSeq Size:** 1993 bp

**RefSeq ORF:** 1065 bp

**Locus ID:** 200942

**UniProt ID:** [Q8IXV7](#)

**Cytogenetics:** 3p21.31

**Gene Summary:** This gene encodes a protein which forms a distinct beta-propeller protein structure of kelch domains allowing for protein-protein interactions. Mutations in this gene have been associated with Hodgkin lymphoma. [provided by RefSeq, Sep 2010]