

Product datasheet for **SC100946**

KLHDC9 (NM_152366) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHDC9 (NM_152366) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLHDC9
Synonyms:	KARCA1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100946 sequence for NM_152366 edited (data generated by NextGen Sequencing) <pre> ATGGCGGTGGCCGTCGCCCGGGTCGGGCCGAGGCTCAGGCTGGGCCTGGAGGCCAGT GCGCGGGACGCGCTTTTGGCTAGAGCTTTCCATTCATGCACCGAACTGCGGGGACGGTTC TATCTCGTAGGTGCTCCTAGCAGGAGGAGCGAGAGAGCCAGCAGCGATACGGTGGTT TTCGACCCAGCTAGGGGCCAGGCCGTACGATTGGGAGCCCGGGGAGCCCCCGCGCAGT CACCACGACGCGGCACCCGTGGACGGGCGTTGGCTCTGCGTGGTGGGCGGCTGGGACGGG TCTCGCCGCTTGGCCACAGTGACCGCACTGGACACAGAGCGCGGTGTGTGGGAGGCGTGG ACAGGGACCCCTGGTGACTGCCCCCGCCGGCCTCAGTAGTCACACCTGCACCCGAATC TCTGACCGAGAGCTGCAGGTGGCTGGCCGGGAGGGCGGTATCCACACTCAGCGACGCTAT GGAAGCATCTACACATTAAGGCTGGACCCAGCGCCCGCACCTATTGCTACAAGCAAGAA GGCTGCCACACAGCCTCACGCTCAGGTCACTGTGCGGCCCTGCTCCAAACTCCTGGACCC CATCCAGGTCATCAGCTATTGCTCTTTGGAGGTTGCAACTTAGCTGAACCAGAAGTAGCT GGGCATTGGAGTCATGGGAAAATTAAGGAGGAACCACTGTTGCTCCTCATTTGATGGAA CAGCTTGCAAGGCTTGTGAGCAGTGGGAGGGGTCAGAGAGGGGCCCCATGGACTACGG CATCACTCATGTTCTGTGGTCGGGCCCTTTGCTGTGCTGTTTGGTGGAGAACTCTGACC AGAGCTAGAGACACCATCTGCAATGATCTCTACATCTATGATACTCGCACATCTCCTCCT TTGTGGTTCCACTTCCCCTGTGCAGATCGTGGGATGAAACGCATGGGCCATCGCACCTGC CTTTGGAATGATCAGCTTTACCTGGTTGGGGGTTTTGGTGAGGATGGCAGGACAGCCAGT CCACAGGTTTGCATCCTGGACTTTATCTAA </pre>

Clone variation with respect to NM_152366.4



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152366 unedited
 TTCAAATTTTGTAAACGACTCACTTATAGGGCGGCCGGAATTCGCACGAGGGCTGGCG
 TCCGGTAGGGGAGGTTCCCGGGGAAGCCCGCGGAAGGCGAGGTGCCTGGCCTGCCATGT
 AGGGGCTCGTTCCAAGCCGACAGCCCCACCGCCCTCCCTCTCCCGGGGGCCCATGGCGGT
 GGCGTGCCCCCGGGTCGGGCGCAGGCTCAGGCTGGGCTGGAGGCCAGTGGCGCGGGA
 CGCGCTTTTGGCTAGAGCTTTCCATTATGCACCGAACTGCGGGGACGGTTCTATCTCGT
 AGGTGGTCTCCTAGCAGGAGGAGCGAGAGAGCCAGCAGCGATACGGTGGTTTTTCGACCC
 AGCTAGGGGCCAGGCGGTACGATTGGGAGCCCGGGGAGCCCCCGCGCAGTCACCACGA
 CGCGGCACCCGTGGACGGGCGTTGGCTCTGCGTGGTGGCGGCTGGGACGGGTCTCGCCG
 CTTGGCCACAGTGACCGCACTGGACACAGAGCGCGGTGTGTGGGAGGCGTGGACAGGGAC
 CCCTGGTGAAGTGGCCCCCGCGGCTCAGTAGTCACACCTGCACCCGAATCTCTGACCG
 AGAGCTGCAGGTGGTGGCGGGAGGGCGGTATCCACACTCAGCGACGCTATGGAAGCAT
 CTACACATTAAGGCTGGACCCAGCGCCCGCACCTATTGCTACAAGCAAGAAGGCTGCCA
 CACAGCTCAGCTCANGTCACTGTGCGGNCCTGCTNCAACTCCTGGACCCCATCCAGTC
 ATCAGCTATTGCTCTTGGNAGGNTGCACTANCTGACCCAAAGTAGCTGGCATTGGAGTC
 ATGGGAAAATAAGTNCCTTTCTTNCCTCCNAGAGGAANCCACTGTGCTNCTCATTGATGGA
 CAGCTGCAGGGCTGTGAGCNTGGGACGGGTCCAGAGGGGCCCATGGACTACGATACTCA
 GTNCTGTGGTCCGCTTGTGGCTGTGGNTGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152366 unedited
 NNNNNTTTATAGCTNTGNACCGCGGCCGCTATTCTAAGATCGATTTTTTTTTTTTTTTTT
 TTTTGTAGTCTCAAATTGAAATTTAATAAGCATTGAAGTGAAGCAGATAGCTCTGGTGA
 TAACGCTTTATAGTTTGAACAAAGCAAAACAAACAGGCTTAGTGATGTGTCTTGGC
 ACTATTTAGATAAAGTCCAGGATGCAAACCTGTGGACTGGCTGTCTGCCATCCTCACCA
 AAACCCCAACAGGTAAAGCTGATCATTCCAAAGGCAGGTGCGATGGCCCATGCGTTTC
 ATCCCACGATCTGCACAGGGGAAGTGAACCAAAAGGAGGAGATGTGCGAGTATCATAG
 ATGTAGAGATCATTGCAGATGGTGTCTCTAGCTCTGGTCAGAGTTTCTCCACCAACAGC
 ACAGCAAAAGGGCCCGACACAGAACATGAGTGATGCCGTAGTCCATGGGGCCCTTCTGG
 GACCCCTGCCACTGCTCACAAGCCTTGCAAGCTGTTCCATCAAATGAGGAGCAACAGGT
 GGTTCTCCTTGGGGAGAAAGAAAGGACTTAATTTTCCATGACTCCAATGCCAGCTAC
 TTCTGGTTCAGCTAAGTTGCAACCTCCAAGAGCAATAGCTGATGACCTGGATGGGGTCC
 AGGAGTTTGGAGCAGGGCCGACAGTGACCTGAGCGTGAGGCTGTGTGGCAGCCTTCTTG
 CTTGTAGCAATAGGTGCGGGCGCTGGGGTCCAGCCTNTATGTGTAGATGCTTCCATAGCG
 TCGCTGAGTGTGATACCGCCCTCCCGGCCAGCCACCTGCAGCTCTCGGTGAGAGATTGCG
 GNTGCANGTGTGACTACTGNAGCCNGCGGGGGGAGTCACCAGGGGTCCCTGTNACAGC
 CTCCCAACACCGNGCTNTGTGTCCAGTGCGGTCC

Restriction Sites:

NotI-NotI

ACCN:

NM_152366

Insert Size:

1400 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:

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_152366.3](#), [NP_689579.3](#)

RefSeq Size: 1356 bp

RefSeq ORF: 1050 bp

Locus ID: 126823

UniProt ID: [Q8NEP7](#)

Cytogenetics: 1q23.3

Domains: Kelch