

Product datasheet for **SC330983**

KLHDC8A (NM_001271863) Human Untagged Clone

Product data:

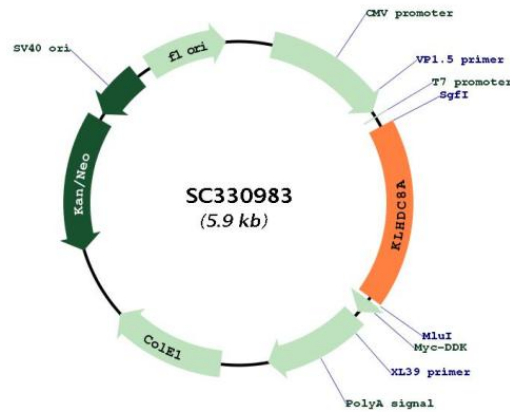
Product Type: Expression Plasmids
Product Name: KLHDC8A (NM_001271863) Human Untagged Clone
Tag: Tag Free
Symbol: KLHDC8A
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330983 representing NM_001271863.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAGGTGCCTAACGTCAAGGACTTCCAGTGGAAGCGCCTGGCGCCACTGCCAGCCGCCGGGTCTAC
TGCTCCCTGCTGGAGACCGGGGCCAGGTCTATGCCATCGGGGGATGTGACGACAACGGCGTCCCATG
GACTGCTTCGAGGTCTACTCCCGGAGGCCGACCAGTGGACCGCCTTGCCCGGCTGCCACAGCCCGG
GCGGGGGTGGCCGTCACCGCCCTGGGGAAGCGGATCATGGTATTGGGGCGTGGCACCAATCAGCTG
CCCCGAAGGTCGTGGAGATGTACAACATCGATGAGGGCAAGTGAAGAAGAGGAGCATGCTGCGTGAG
GCCGCCATGGGCATTTCTGTACGGCCAAAGATTACCGAGTATATGCGGCAGCGGGATGGGCCTGGAC
CTACGTCCACACAACCACCTCCAACACTATGACATGCTGAAGGACATGTGGGTGTCCCTAGCACCCATG
CCCACCCGAGATATGCTGCCACCTCCTTCTCCGAGGCTCCAAGATCTACGTGCTGGGGGACGACAG
TCCAAGTACGCGGTCAACGCTTTTCGAGGTCTTTGACATCGAGACTCGCTCCTGGACCAAGTTTCCAAC
ATTCCCTATAAGCGGGCCTTCTCCAGCTTTGTGACCCTGGACAACCACTTGTACAGCCTAGGAGGCCTG
CGGCAAGGTCGCCTCTACCGGCAGCCCAAGTTCCTGCGGACGATGGACGTGTTTCGACATGGAACAGGGG
GGATGGCTGAAGATGGAACGATCGTTCTTCTCAAGAAGCGGGCAGATTTTGTGGCTGGCTCTCTG
AGTGGACGGTTCATAGTGGCTGGGGACTTGGGAATCAACCCACTGTCTGGAGACGGCGGAAGCATTTC
CACCCAGGAAGAACAAATGGGAGATCCTCCCTGCCATGCCACACCCCGCTGTGCTGCTCCAGCATA
GTCGTCAAGAAGTGCCTCCTCGCCGTGGGAGGTGTCAACCAGGGTCTGAGTGACGACGTGGAGGCCCTG
TGTGTCTCTGACTCCAG
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001271863

Insert Size: 1053 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_001271863.1](#)

RefSeq Size: 3256 bp

RefSeq ORF: 1053 bp

Locus ID: 55220

UniProt ID: [Q8IYD2](#)

Cytogenetics: 1q32.1

MW: 38.9 kDa

Gene Summary: This gene encodes a kelch domain-containing protein which is upregulated in cancer. Upregulated expression of the encoded protein may provide an alternative pathway for tumors to maintain aggressiveness in the absence of epidermal growth factor receptor dependence. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]

Transcript Variant: This variant (1) represents the longest transcript. Variants 1,2,3, and 4 encode the same protein.