

Product datasheet for **SC321364**

KLHDC2 (NM_014315) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHDC2 (NM_014315) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLHDC2
Synonyms:	HCLP-1; HCLP1; LCP
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_014315.2
 GGAGGCGGGGACGAGCGGGCTGCAAGAGGGAGCCGGCCCGACGCGGACCGCTTCCCTGCAG
 TGCCCCGAGTCCCGGGCCCGCGCCGCCGCCCGGCTCCGCTCGCGGCCCTCTGTCTG
 CAGGCGTGCCCCGGCGGGCGGGAGAGCCGCTCTCGGCCGATGAGGCTGGGAAACGCGAG
 CGCAGGCGGCAGAGAGCCCTCAACGCCGTCCTTTGCCCACCGCCTTTTCCTTGCCTCGC
 GCCGCTGTGCATTTCTCTCCTTTTCCTTTGTTTTTTGGCCCCCTCGCGGGTGTGGGCATT
 GTTGGTTAGCAAAAGTGCAGCCTCAAGATGGCTGATGGCAACGAGGATCTGCGGGCTGAC
 GACTTGCCTGGGCCAGCCTTCGAGAGCTATGAGTCCATGGAGCTTGCTGCCCCGCTGAG
 CGCAGCGGCCACGTAGCCGTGAGCGACGGGCGCCACATGTTCTGTGGGCGGCTACAAG
 AGTAATCAAGTCAGAGGATTATATGACTTTTATCTGCCTAGAGAAGAACTATGGATCTAC
 AACATGGAGACTGGAAGATGGAAAAAATCAACACTGAAGGTGATGTTCTCTCTTCTATG
 TCAGGAAGCTGTGCTGTGTGTAGACAGGGTGTGACTTGTGGAGGACACCATTCA
 AGAGGCAATACCAATAAGTTCTACATGCTGGATTCAAGGTCTACAGACAGAGTGTACAG
 TGGGAAAGAAATTGATTGCCAAGGAATTCCTCCATCATCAAAGGACAACTTGGTGTCTGG
 GTATATAAAAACAAGTTAATATTTTTTTGGAGGGTATGGATATTTGCCTGAAGATAAAGTA
 TTGGGAACTTTTGAATTCGATGAAACATCTTTTTGGAATTCAGTCATCCAAGAGGATGG
 AATGATCATGTACATATTTTAGATACTGAAACATTTACCTGGAGCCAGCCTATAACTACT
 GGTAAAGCACCTTCACCTCGTGTGCCCCATGCCTGTGCAACTGTCGGAATAGAGGCTTC
 GTGTTTGGAGGCAGATATCGAGATGCTAGAATGAATGATCTTCACTATCTTAATCTGGAT
 ACATGGGAGTGGAAATGAATTAATCCACAAGGCATATGCCAGTTGGTCGATCTTGGCAC
 TCACTAACACCAAGTTTCTTCAGATCATCTTTTCTCTTTGGAGGATTTACCACTGATAAA
 CAGCCACTAAGTGATGCCTGGACTTACTGCATCAGTAAAAATGAATGGATACAATTTAAT
 CATCCATATACGAAAAACCAAGTTATGGCACACAGCTTGTGCCAGCGATGAAGGAGAA
 GTAATTGTTTTTGGTGGATGTGCCAACAACCTTGCTTGTCCATCACAGAGCTGCACACAGT
 AATGAAATACTAATATTTTCAGTTCAACCAAAATCTCTGTACGGCTAAGCTTAGAAGCA
 GTCATTTGCTTTAAAGAAATGTTAGCCAACCTCATGGAAGTGCCTTCCAAAACACTTACTT
 CACAGTGTTAATCAGAGGTTTGGTAGTAACAACACTTCTGGATCTTAAGGCTTCATAAAT
 AATGCCTATGATCACCTTGCATGGACAGCAATCCTGTAACATCACAGAGTGGCATCATT
 TGTATAATTATATGATTGTTGTAGTTTGCACCTGTTGGTTTTAATGTGCATGTGAATGG
 CCTAGAGAACCTATTTTTGTGTCTAAAGTTTACAATAAATGTATTTAACACCAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_014315

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_014315.2, NP_055130.1</u>
RefSeq Size:	1808 bp
RefSeq ORF:	1221 bp
Locus ID:	23588
UniProt ID:	<u>Q9Y2U9</u>
Cytogenetics:	14q21.3
Domains:	Kelch
Gene Summary:	Represses CREB3-mediated transcription by interfering with CREB3-DNA binding. [UniProtKB/Swiss-Prot Function]