

Product datasheet for **RC230128**

KLHDC4 (NM_001184854) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHDC4 (NM_001184854) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KLHDC4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC230128 representing NM_001184854
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCAAGAAGGGCAAGAAGGAGAAGAAGGGCCGCGCGGAGAAGACGGCCGCAAGATGGAGAAGA
 AGGTGTCTAAGCGCTCGCGGAAGGAGGAGACTTTTTGTATAACGAGCTCTATGTCTACAATACCAGAAA
 GGACACCTGGACCAAAGTTGACATCCCCAGTCCACCTCCGAGGCGCTGTGCTCACCAGGCGGTGGTAGTG
 CCTCAAGGTGGCGGACAGCTGTGGGTCTTTGGAGGGGAGTTGCCTCTCCCAACGGAGAGCAGTTCTACC
 ACTACAAGGATCTCTGGGTCTGCATTTGGCCACCAAGACCTGGGAACAAGTCAAATCAACAGGCGGTCC
 TTCGGGTGCGAGTGGACATCGGATGGTGGCCTGGAAGAGACAATTGATCTGTTTGGTGGCTTCCATGAA
 AGTACACGGGATTACATCTACTACAACGACGTGTATGCCTTAATCTGGACACCTTCACATGGAGCAAGC
 TGTCCCCGTGAGGACGGGGCCACACCCAGATCAGGCTGCCAGATGTCCGTCCTCCACAGGGCGGCAT
 CGTCGTCTATGGGGGCTACTCGAAACAGAGAGTTAAGAAAGACGTGGACAAGGGCACACGGCACTCAGAC
 ATGTTCTCTGCTGAAGCCAGAGGACGGAAGAGAAGACAAGTGGGTTTGGACTCGGATGAACCTTCGGGGG
 TCAAGCCACCCACGGTCTGGCTTTCCGTGGCCATGGCCCCGAATCACCAGACACTGTTCTTCGGGGG
 TGTCTGTGACGAGGAAGAGGAGGAGAGCCTGTCGGGCGAGTTCTTCAACGATCTGTACTTCTACGACGCC
 ACCAGGAACCGTTGGTTTGGGGACAGCTGAAGGGACCAAGTCTGAAAAGAAGAAACGCAGGCGGGGCA
 GAAAAGAGGAGCCGAAGGTGGTAGCAGGCGCGGTGTGGGGGAGCTGGCACCCAGGGGCGCTGTGCAGCT
 GGTCAGGAGGTGGTGGCCGAGGATGGCACCCTGGTCACCATTAAGCAGGTGCTCACCAGCCAGGCTCG
 GCGGGGACGCCCCGTCTGAGGACGAAGACAGCCTTGAGGAGGCGGCAGCCCCGACCTGGGCCGTGTC
 CACGCTCCAACGCCATGCTGGCTGTGAAGCATGGGGTGTCTACGCTCTATGGGGGCGATGTTTGGAGCCGG
 CGACCGCCAGGTACCCCTCAGCGACCTGCACTGCCTGGACCTGCACAGGATGGAGGCGTGAAGGCCTTG
 GTGGAGATGGACCCAGAACTCAGGAGTGGCTGGAGGAGACGGACTCGGAAGAGGACAGTGGAGAGTTG
 AGGGCGCCGAGGGTGGGTGCGACGACGAAGACAGCGGAGAGGAGCGGTGCGGAGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230128 representing NM_001184854
 Red=Cloning site Green=Tags(s)

MGKKGKKEKKGRGAEKTAAMEKKVSKRSRKEETFLYNELVYVYNTKRDWTWKVDIPSPPPRRCAHQAVVV
 PQGGGQLWVFGGEFASPNGEQFYHYKDLWVLHLATKTWEQVKSTGGPSGRSGHRMVAWKRQLILFGGFHE
 STRDYIYNDVYAFNLDFTWSKLSPTSGTPTPRSGCQMSVTPQGGIVVYGGYSKQVRVKDVKGRHSD
 MFLLPEDGREDKWWTRMNP SGVKPTPRSGFSVAMAPNHQTLFFGGVCDEEEESLSGEFFNDLYFYDA
 TRNRWFEGQLKGPKEKKRRRGRKEEPEGGRSACGGAGTQGPVQLVKEVVAEDGTVVTIKQVL TAPGS
 AGQPRSEDEDSLEEAGSPAPGPCPRSNAMLAVKHGVLVYVYGMFEAGDRQVTLSDLHCLDLHRMEAWKAL
 VEMDPETQEWLEETDSEEDSEEEVEGAEGGVDEDSGEEESGAED

TRTRPLE**QKLISEEDLAANDILDYKDDDDK**V

Chromatograms:

https://cdn.origene.com/chromatograms/mk8061_f07.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001184854

ORF Size: 1389 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001184854.2](#)

RefSeq ORF: 1392 bp

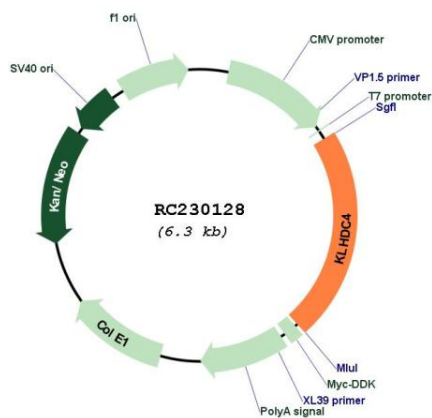
Locus ID: 54758

UniProt ID: [Q8TBB5](#)

Cytogenetics: 16q24.2

MW: 52 kDa

Product images:



Circular map for RC230128