

Product datasheet for **RC238986**

KLHL32 (NM_001286250) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHL32 (NM_001286250) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KLHL32
Synonyms:	BKLHD5; dJ21F7.1; KIAA1900; UG0030H05
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC238986 representing NM_001286250
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCCGTCTGAACGCTGCCTCAGTATTCAAGAAATGCTGACAGGCCAGAGGCTCTGCCACTCCGAATCTC
 ACAATGACAGTGTCTGGCAGCGCTGAATCAGCAGAGGAGTGATGGCATCCTCTGCACATCACCTGAT
 TGCTGAGGAACAGAAATTCATGCTCACAAGGCAGTCCTAGCAGCATGCAGTGACTATTTCCGGATTTTG
 CTGGAGCCAGGTGTGATCCAGGATGTGCTAGCAGCGGGCAGTCACCTACAGCTGTTGGAGCTTCTCAATT
 TATGCTCCCACTATCTCATCCAGGAATTAATAGCTTTAATTACTTGGATCTGTACAGACTTGCTGACCT
 CTTTAACCTCACTTTGTTGGAGAAGGCAGTGATCGATTCTTAGTGAAACATCTCTGAACTCTGAAG
 AGCCGCCAGAGAAGTTCTAACGCTTCCCTATTGCCTGCTTCAGGAGGTGCTGAAGAGCGACCGCTGA
 CCTCCCTGAGTGAAGAGCAGATCTGGCAGCTAGCTGTGAGGTGGTTGGAACAACTGCCACTACAGTA
 CATGGACGAGCTCCTGCAATACATCCGCTTTGGCCTAATGGATGTGGATACTCTCCATACAGTTGCCCTG
 TCCACCCCTTTGTCCAAGCAAGTGAGACTGCAACAGCCCTTGCAACGAGGCCCTGGAATACCACCAGA
 GCATCTATGCACAGCCTGTCTGGCAGACTCGCAGGACCAACCAGATTCCAGTCAGACACTCTGTATAT
 CATTGGTGGGAAAAAGCGCAGGTCTGCAAGGTCAAGGAATTCGGTACTTCAATCCTGTTGATCAGGAG
 AATGCTCTCATAGCTGCCATTGCCAACTGGAGTGAGCTGGCTCCCATGCCTGTGGGAAGGAGCCACCATT
 GTGTGGCAGTCATGGGGACTTCTGTTGTGGCAGGAGGGGAAGTTGAGCATGCCAGTGGCCGGACGTG
 TGCTGTGAGGACTGCCTGTCGCTATGACCCCGCAGTAATTCTGGGCAGAGATAGCACCATGAAAAAC
 TGCCGGGAGCATTGTTGCTGGGTGCCATGGAGGAATACCTCTATGCAGTTGGGGCAGAAATGAAGTGC
 GCCAGTTCTGCCTACAGTTGAGCGATATTGCCCAAGAAGAACAATGGACTTTTGTTCAGTCCTTTGA
 CAGATCCCTTTTCATGCCATGCTGGATATGTGGCTGATGGTCTTCTTTGGATATCAGGTGGAGTAACATA
 ACGGCACAATATCAGAACAGGCTAATGGTGTATGAACCTAACCAGAATAAGTGGATAAGCCGTAGCCCCA
 TGCTGCAGAGAAGGGTCTACCATTCCATGGCTGCTGTACAAAGGAAGCTTTATGTTCTTGGAGGCAATGA
 CCTAGACTACAATAATGACCGGATCCTTGTGCGCCATATAGATTCTTACAACATAGACACTGACCACTGG
 ACACGTTGTAATTTCACTGCTGACTGGCCAAAATGAATCTGGAGTTGCTGTCCATAATGGGAGAATAT
 ATTTAGTTGGTGGATATTCAATTTGACAAAATGAGCCTCTGGCTTGTATCCAGGTACTGGATGTAAGCAG
 AGAAGGCCAAAGAAGAAGTATTCTATGGGCTACACTCCCTTTTGTCTCAATGGAATAGCAGCATGCTTC
 CTTCCAGTCCATATTTACATGCCCTAACCTTCAAACCTTCAAGTGCCTCATCACAGGATTGGCACCA
 TC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238986 representing NM_001286250
 Red=Cloning site Green=Tags(s)

MPSERCLSIQEMLTGQRLCHSEHNSVLAALNQQRSDGILCDITLIAEEQKFHAHKAVLAACSDYFRIL
 LEPGVIQDVLAAGSHLQLELLNLSHYLIQELNSFNLYDLRLADLFNLTLLEKAVIDFLVKHSELLK
 SRPEEVLTLPYCLLQEVLSKDRLTSLSEEQIWQLAVRWLEHNCYQYMDLLQYIRFGLMDVDTLHTVAL
 SHPLVQASSETATALVNEALEYHQSIYAQPVWQTRRTKPRFQSDTLIIGGKKREVCKVKELRYFNPVDQE
 NALIAAIANWSELAPMPVGRSHHCVAVMGDFLFVAGGEVEHASGRTCAVRTACRYDPRSNSWAEIAPMKN
 CREHFVLGAMEEYL YAVGGRNELRQVLPVERYCPKKNKWTFFVQSFDRSLSCHAGYVADGLLWISGGVTN
 TAQYQNRMLMVYEPNQNKWISRSPLQRRVYHMAAVQRKLYVLGGNDLDYNNDRILVRHIDSYNIDTDQW
 TRCNFNLLTGQNESGVAVHNGRIYLVGGYSIWNEPLACIQVLDVSREGKEEVFYGPTLPFASNGIAACF
 LPAPYFTCPNLQTLQVPHHRTGI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001286250

ORF Size: 1752 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001286250.1](#), [NP_001273179.1](#)

RefSeq Size: 3699 bp

RefSeq ORF: 1755 bp

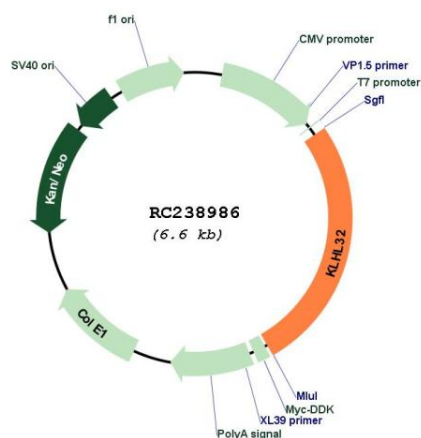
Locus ID: 114792

UniProt ID: Q96NJ5

Cytogenetics: 6q16.1

MW: 67 kDa

Product images:



Circular map for RC238986