

Product datasheet for **RC238418**

KLHL32 (NM_001286252) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHL32 (NM_001286252) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KLHL32
Synonyms:	BKLHD5; dj21F7.1; KIAA1900; UG0030H05
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC238418 representing NM_001286252
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCGTCTGAACGCTGCCTCAGTATTCAAGAAATGCTGACAGGCCAGAGGCTCTGCCACTCCGAATCTC
 ACAATGACAGTGTCTGGCAGCGCTGAATCAGCAGAGGAGTGATGGCATCCTCTGCGACATCACCCCTGAT
 TGCTGAGGAACAGAAATCCATGCTCACAGGCAGTCCTAGCAGCATGCAGTGACTATTTCCGGCAATG
 TTCAGTCTTTGTATGGTGGAAAGTGGAGCTGATGAGGTTAATTTGCACGGTGTGACCAGCCTGGCTTAA
 AGCAGGCTCTGGAGTTTGCATACACAGGACAGATTTTGTGGAGCCAGGTGTGATCCAGGATGTGCTAGC
 AGCGGGCAGTCACCTACAGCTGTGGAGCTTCTCAATTTATGCTCCCACTATCTCATCCAGGAATTAAT
 AGCTTTAATTACTTGGATCTGTACAGACTTGTGACCTCTTAACTCACTTTGTGGAGAAGGCAGTGA
 TCGATTTCTTAGTAAACATCTCTGAACTCCTGAAGAGCCGCCAGAAGAAGTTCTAACGCTTCCCTA
 TTGCCTGCTTCAGGAGGTGCTGAAGAGCGACCGCTGACCTCCCTGAGTGAAGAGCAGATCTGGCAGCTA
 GCTGTGAGGTGGTTGGAACAACTGCCACTACAGTACATGGAGCAGCTCTGCAATACATCCGCTTTG
 GCCTAATGGATGTGGATACTCTCCATACAGTTGCCCTGTCCCACCCCTGTCCAAGCAAGTGAGACTGC
 AACAGCCCTTGTCAACGAGGCCCTGGAATACCACCAGAGCATCTATGCACAGCCTGTCTGGCAGACTCGC
 AGGACCAAACCGATTCCAGTCAGACACTCTGTATATCATTGGTGGGAAAAAGCGCAGGTCTGCAAGG
 TCAAGGAACTTCGGTACTTCAATCTGTGATCAGGAGAATGCTCTCATAGCTGCCATTGCCAAGTGGAG
 TGAGCTGGCTCCCATGCCTGTGGGAAGGAGCCACCATTGTGTGGCAGTCATGGGGACTTCTGTGTTGTG
 GCAGGAGGGGAAGTTGAGCATGCCAGTGGCCGGACGTGTGCTGTGAGGACTGCCTGTGCTATGACCC
 GCAGTAATTCCTGGCAGAGATGACCCATGAAAACTGCCGGGAGCATTGTTGTGCTGGTGCCATGGA
 GGAATACCTCTATGCAGTTGGGGCAGAAATGAACTGCGCCAGGTTCTGCCTACAGTTGAGCGATATTGC
 CCCAAGAAGAACAATGGACTTTTGTTCAGTCTTTGACAGATCCCTTTCATGCCATGCTGGATATGTGG
 CTGATGCTCTTTGGATATCAGGTAGAACATACCTCATGTTGGATTTATCAAAACACACTTTCATTGT
 GTATATATT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238418 representing NM_001286252
 Red=Cloning site Green=Tags(s)

MPSEKLSIQEMLTGQRLCHSESHNDSVLAALNQQRSDGILCDITLIAEEQKFHAHKAVLAACSDYFRAM
 FSLCMVESGADEVNLHGVTSLGLKQALEFAYTGQILLEPGVIQDVLAAAGSHLQLELLNLCSHYL IQELN
 SFNYLDLYRLADLFNLTLLEKAVIDFLVKHSELLKSRPEEVLTPYCLLQEVKSDRLTSLSEEQIWQL
 AVRWLEHNCHYQYMDLLQYIRFGLMDVDTLHTVALSHPLVQASETATALVNEALEYHQS IYAQPVWQTR
 RTKPRFQSDLYIIGGKKREVCKVKELRYFNPVDQENALIAAIANWSELAPMPVGRSHHCVAVMGDFLFV
 AGGEVEHASGRTCAVRTACRYDPRSNSWAEIAPMKNCREHFVLGAMEEYLYAVGGRNELRQVLP TVERYC
 PKKNKWFVQSFDRSLSCHAGYVADGLLWISGRTYLMLDL SKHTFIVVYI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

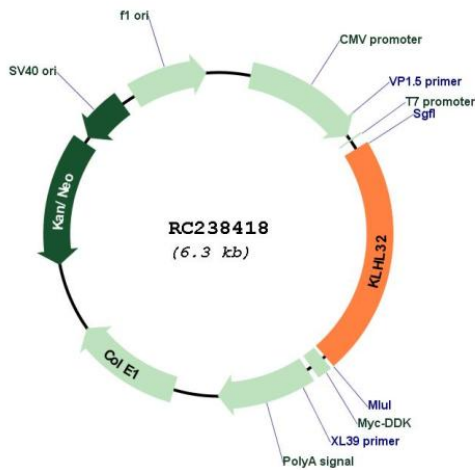
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001286252

ORF Size:

1410 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_001286252.2](#)

RefSeq Size: 2071 bp

RefSeq ORF: 1413 bp

Locus ID: 114792

Cytogenetics: 6q16.1

MW: 53.9 kDa