

Product datasheet for **SC111500**

KLHL32 (NM_052904) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHL32 (NM_052904) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLHL32
Synonyms:	BKLHD5; dJ21F7.1; KIAA1900; UG0030H05
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC111500 sequence for NM_052904 edited (data generated by NextGen Sequencing)

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ATGCCGCTGAACGCTGCCTCAGTATTCAAGAAATGCTGACAGGCCAGAGGCTCTGCCAC
TCCGAATCTCACAAATGACAGTGTCTGGCAGCGCTGAATCAGCAGAGGAGTGATGGCATC
CTCTGCGACATCACCCCTGATTGCTGAGGAACAGAAATCCATGCTCACAAGGCAGTCCTA
GCAGCATGCAGTGACTATTTCCGGGCAATGTTTCAGTCTTTGTATGGTGGAAAGTGGAGCT
GATGAGGTTAATTTGCACGGTGTGACCAGCCTTGGCTTAAAGCAGGCTCTGGAGTTTGCA
TACACAGGACAGATTTTGTGGAGCCAGGTGTGATCCAGGATGTGCTAGCAGCGGGCAGT
CACCTACAGCTGTTGGAGCTTCTCAATTTATGCTCCCACTATCTCATCCAGGAATTAAT
AGCTTTAATTACTTGGATCTGTACAGACTTGTGACCTCTTAACTCACTTTGTTGGAG
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TCCCTGAGTGAAGAGCAGATCTGGCAGCTAGCTGTGAGGTGGTTGGAACACAACCTGCCAC
TACCAGTACATGGACGAGCTCCTGCAATACATCCGCTTTGGCCTAATGGATGTGGATACT
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GTCAACGAGGCCCTGGAATACCACCAGAGCATCTATGCACAGCCTGTCTGGCAGACTCGC
AGGACCAAAACCAGATCCAGTCAGACACTCTGTATATCATTGGTGGGAAAAAGCCGAG
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ATAGACACTGACCAGTGGACACGTTGTAATTTCAACCTGCTGACTGGCCAAAATGAATCT
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GAGCCTCTGGCTTGTATCCAGGTAAGTGGATGTAAGCAGAGAAGGCAAAGAAGAAGTATTC
TATGGGCCTACACTCCCTTTTGTCTCCAATGGAATAGCAGCATGCTTCTTCCAGCTCCA
TATTTTACATGCCCTAACCTTCAAACCTTCAAGTGCCTCATCACAGGATTGGCACCATC
TGA
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Clone variation with respect to NM_052904.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_052904 unedited
 CAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTCGCGCG
 CACACACGCACGCAGGCACACACACACACACACACACACACTTTTCGCACACA
 CAAACACGCTAGGACGCTCGTCTTCGCTACTGCATCCCCGAACCAGCAGAGCGAAGCTAC
 TGCGGGTTCTGTAACTCAGCATCGTGGGGCGAAGCAGAGCCATTGTGCATCAAGGAGA
 GGCCGGTGCCTGCGCTGCCGTCTCTGGCACCTAACCCAGCAGACCCTCACCCATCGGC
 TGGAAATGCTTGATTCTCTGCACACTTCTAAGGCTGAGAACCTGAGGAACCCAGCTG
 GAAAATGCCGTCTGAACGCTGCCTCAGTATTCAAGAAATGCTGACAGGCCAGAGGCTCTG
 CCACTCCGAATCTCACAATGACAGTGTCTGGCAGCGCTGAATCAGCAGAGGAGTGATGG
 CATCTCTGCGACATCACCTGATTGCTGAGGAACAGAAATTCATGCTCACAAGGCAGT
 CCTAGCAGCATGCAGTGACTATTTCCGGGCAATGTTTCACTCTTTGTATGGTGAAAGTGG
 AGCTGATGAGGTTAATTTGCACGGTGTGACCAGCCTTGGCTTAAAGCAGGCTCTGGAGTT
 TGCATACACAGGACAGATTNTGCTGGAGCCAGGTGTGATCCANGATGTGCTAGCAGCGGG
 CAGTCACCTACAGCTGTTGGAGCTTCTCATNTATGCTCCCACTATCTCATCCAGAANTTA
 AATAGCTNTAATTACTTGGATCTGTACAGACTTGTGACCTCTNTACCTACTNNTGTGG
 AGAAGCAGTGATCGANTTCTTATGAACATCTCTGAACTCCTGAAGAGCCGCCAGAAGA
 AAGTCTACGCTTCCCTATGCCTGCNTTCAGAGTGTGAAAGCGACCGCTGACTCCTGATG
 AAGACN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_052904 unedited
 GGTCTACTATGNNACCGCGCCGAATCTAGNGATCAGTTTTTTTTTTTTTTTTTTTTTTT
 TAAGACAAAAAGATCGTTTTTATTCACCTTTTGATTACAAAAAGGTTACATGAATAAAAT
 AACAAATTCCTTTAAGAGAGGGATTCTGAATGATTAAGTAACTGCCAAGGAAAAAGAGTGA
 ATCTTCTTTTAAATAAAGGTGACCTAGGTCTGAGGATTTTAGGAAAAAGAAAAACTC
 ACATTATACTTGTAAATTTGTTTTCAAATGTGATTATTAAGTTGTTGATTTATTTTTT
 GTTATAGACAAAGCAAACCCAAAAACTAGTCTAAAAAGAATTCCTATGCATTATTAATA
 GAGATAGTAATAAAATATGTATTGGTGGTGAAGAATCCACAAGCACTCAAGATTGACAT
 AACCTTTAACAAAGTGGAAAACTTTTATTAGAAGTCCCAATTCAGGTTCAAATTTATG
 TCAAAGCACTTTATGGTACCATAATTAGTACAATAAATTTTTTTAGCTTTAAATGTC
 ATTTTTCACTAAATGATTTTAAATAAGACATCTGAGAGTTACTTGAGGGCAGTTTAGATA
 CCTGTACAAGTTTAGATTTTGAAGAACTCCCTATTTCTCATTGTGTGGCTCTTTACAT
 GCCTTTTAGAATCATTTATCCACAACATGTTTTCCCAATTCTATCTAGTTATTTTTTAA
 ACCTCAAAAAATACTCCCCTGTTCCATTACAAGGGTTCTAAAGACCATTAATAACCT
 ATAATTTTCAGTAACAACCATTTTTTTTTTTCTTTGGGCAAAGTATTTACCAAGAGGTT
 CGGCCCAAACCCAAAAAGGTCTTTTAAATAACGCGGGAAATCAGTAAATATCCCCC
 TTAAGTGGGAAAACTGGACCCCTTTC

Restriction Sites:

NotI-NotI

ACCN:

NM_052904

Insert Size:

3100 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_052904.1](#), [NP_443136.1](#)

RefSeq Size: 3322 bp

RefSeq ORF: 1863 bp

Locus ID: 114792

UniProt ID: [Q96NJ5](#)

Cytogenetics: 6q16.1

Domains: BTB, Kelch