

Product datasheet for **SC113703**

KLHL11 (NM_018143) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHL11 (NM_018143) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLHL11
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >NCBI ORF sequence for NM_018143, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCTGCGGCAGTGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCTGCATCTCTTCAGGACTGGAGATGG
AGAGCATGGAGACGGCCCGCCGGCTCGGCAGGACTGGCCGCCGAGGTCCGAGGCAGCGGCACGGTGGGA
CTTCGGGCTGGCCGGGGATCTCTGCAATGGAGGCGAGCGGGGGCGATCCGGGCCAGAAGCCGAGGAT
TTCGAGTGCAGCTCTCACTGCTCAGAGCTGTCTGGCGGCAGAACGAGCAGCGGGCCAGGGCCTTCT
GCGACATTACCCTGTGCTTCGGCGGGGCTGGAGGCCGCGAGTTCGGGGCCACCCTCGGTACTGGCTGC
CGCCACCGAGTACTTCACGCCCTGCTCTCGGGCCAGTTTTCCGAGTCCCCTCGGGACGGGTGGAGATG
CGCAAGTGGAGCTCCGAGCCGGGCCCCGAACCCGACACAGTGGAAAGCCGTAATCGAGTACATGTACACCG
GGCGCATCCGCGTCAGCACGGGCAGCGTGCACGAGGTGCTGGAGTTGGCCGACAGTTTCTACTATTTCG
TTTTAAAGAATTTGTGGAGAATTTCTCAAGAAAAAATTCATCTCTCAAATTGTGTGGCAATTCATAGC
TTAGCACACATGTACACCCTGAGCCAATTGCTCTGAAGGCTGCTGATATGATACGGAGAAATTTCCACA
AAGTGATTGAGGATGAAGAATTTATACGTTACCTTTCCATCTCATTAGAGACTGGCTTTCAGATTTGGA
AATTACAGTTGATTCTGAAGAGTTCTCTTTGAAACCGTTTTGAAATGGGTTTCAGAGAAATGCTGAAGAG
AGAGAGAGATACTTTGAAGAATTTTTAAATTGCTCAGGTTGTCCAGATGAAACCTACCTACCTTACTC
GACATGTCAAACCAGAGAGGCTGGTAGCCAATAATGAAGTTTGTGTCAAGTTGGTCGCTGACGCAGTGGGA
GAGACATGCTCTGAGAGCTGAGAATATAACAATCTGGCACATGCCAGCACCCCACTTCTCATGTGTACTA
TTGCCTCGTTATGGGCAAAACATGGATGTATCATGGTTATTGGAGGTGTGCAGAAGGAGGGGACTATT
TAAGTGAATGTGTGGGATATTTGTTGATGAGGACAGATGGGTAATCTGCCACATATTCATAATCACCT
CGATGGACATGCTGTTGCAGTAACAGAATCCTACGTGTATGTTGCTGGATCAATGGAGCCAGGGTTTGGT
AAAACGTAGAAAGGTATAACCCAAATTTGAATACATGGGAACATGTTTGTAGTCTGATGACAAGAAAGC
ATTCTTTTGGACTAACAGAAGTCAAAGGGAAGCTCTATAGCATTGGAGGACATGGCAACTTTAGTCCTGG
TTTTAAAGATGTGACTGTTTATAATCCTGAGCTTGATAAATGGCACAACCTGGAATCGGCACCAAGATT
CTTCGAGATGTCAAAGCACTAGCCATTGAAGACCGTTTTGTATACATTGCCGCCCGCACTCCTGTAGACC
GGGACACTGAAGATGGATTAAGGCTGTAATTACTTGTCTATGATACAGAGACTCGACAGTGGCAAGATGT
GGAATCTTTGCCGCTTATTGACAATTACTGCTTTTTCCAAATGTCTGTGGTCAATTCAACTTTTATCAG
ACAGCATCATGTTGTCCCAAGAGTTATTGTTTAGAAAACGAAGAGGCAGTAAGAAAAATTGCCAGCCAAG
TGTCTGATGAGATCCTTGAAGCTTGCCTCCAGAAGTCCTAAGCATCGAAGGAGCAGCCATTTGCTATTA
CAAAGATGATGCTTTCATTATAGGAGGCTGAAAAACAGTGATGATATTGATAAACAGTATCGGAAAGAA
GCCTACCGATATTGTGCGGAGAGGAAGAGTGGATGCTTCTTCTCCTATGCCACAACCTCGTTGTAGAG
CCTGCTTGTACGCTGAGGATCCCATACCGGTAATTGCTGTCATGGCACACAGAGATACCTATGCTCAAAA
CCTGATGTGGCAGAAGGACCGCATCAGACAGATGCAAGAGATACATCGTACGCCCTGAACATGAGGCGA
GTGCCAAGCTCTCAGATTGAATGCTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_018143 unedited GGTCACAATTGTATACGACTCACTATAGGCGGCCGCGATTCCGGCAGAGGGGCGCAGCGG CGTCAAGATGGCGGCTGCGGCAGTGGCGGCGGCCGCGGCCGCGGCTGCATCTCT TCAGGTAAGGATGGAGAGCATGGAGACGGCCGCCGCGGCTCGGCAGGACTGGCCGC CGAGGTCCGAGGCAGCGGCACGGTGGACTTCGGGCCTGGGCCGGGGATCTCTGCAATGGA GGCGAGCGGGGGCGATCCGGGCCAGAAGCCGAGGATTTTCGAGTGCAGCTCTCACTGCTC AGAGCTGTCCTGGCGGCAGAACGAGCAGCGGCCGCGCCAGGGCCTCTTCTGCGACATTACCT GTGCTTCGGCGGGGCTGGAGGCCGCGAGTTCGGGCCACCCTCGGTAAGTGGTCCCGC CACCGAGTAAGTTCACGCCCTGCTCTCGGGCCAGTTTTCCGAGTCCCGCTCGGGACGGGT GGAGATGCGCAAGTGGAGCTCCGAGCCGGGGCCGAACCCGACACAGTGGAAAGCCGTAAT CGAGTACATGTACACCGGGCGCATCCGCGTCAGCACGGGCAGCGTGCACGAAGTGTGGA GTTGGCCGACAGGTTCTACTCATTCTGTTAAAAGAATTTGTGGAGAATTTCTCAAGAA AAACTTCACTCTCAAATTTGTGTGGCAATTCATAGCTTAGCACACATGTACACCCTGAGC CAACTTGTCTGAAGGCTGCTGATATGATACGGAGAAAATCCACAAAGTATTGAGGAT GAAGAATTTATACGTTACCTTTTCATCTCATTAGAGACTGGCCTTCAGATTGGGAAATAC AAGTGATTCTGAAGAGTTCTCTTTGAACGTTTGAATGGGTTCAAAAATGCTGAGAGAG AGAAGATACTTGAGACTTTAAATGCTCAG
Restriction Sites:	NotI-NotI
ACCN:	NM_018143
Insert Size:	4500 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:	<ol style="list-style-type: none"> 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_018143.1 , NP_060613.1
RefSeq Size:	2326 bp
RefSeq ORF:	2127 bp
Locus ID:	55175
UniProt ID:	Q9NVR0
Cytogenetics:	17q21.2
Domains:	BTB, Kelch
Protein Families:	Secreted Protein

Gene Summary:

Component of a cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex that mediates the ubiquitination of target proteins, leading most often to their proteasomal degradation.[UniProtKB/Swiss-Prot Function]