OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC329029

KLHL13 (NM_001168300) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHL13 (NM_001168300) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLHL13
Synonyms:	BKLHD2
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>NCBI ORF sequence for NM_001168300, the custom clone sequence may differ by one or more nucleotides

ATGCTGAGGTTTATATCCCATTTGTATTGTTGCAGCTCAAAAGAAGATTGTTCAGAGGAT
GACAAGTGTATTCTGAGTAGATCTCTCGTGGAAGAGGAAGACCAACACATGAAATTGTCC
CTTGGAGGCAGCGAAATGGGCCTCTCATCCCATTTGCAGTCTTCCAAGGCAGGACCTACA
CGCATCTTTACCAGCAATACCCACAGTTCTGTGGTGTTACAGGGCTTTGACCAGCTTCGA
CTTGAAGGATTGCTTTGTGATGTGACCCTGATGCCAGGTGACACAGATGATGCTTTCCCT
GTGCATAGAGTCATGATGGCATCTGCTAGTGATTACTTCAAGGCTATGTTCACAGGTGGA
ATGAAAGAACAAGATTTAATGTGCATTAAACTTCATGGTGTGAGCAAAGTCGGTCTAAGG
AAAATTATTGATTTCATTTATACTGCAAAGCTTTCTCTTAATATGGACAACCTTCAAGAC
ACGCTGGAAGCTGCCAGTTTCCTACAGATTCTGCCAGTTTTGGACTTCTGTAAAGTGTTT
CTCATATCTGGGGTCACTTTAGACAACTGTGTTGAAGTTGGACGGATTGCCAACACCTAC
AATCTAACCGAAGTGGATAAATACGTTAACAGTTTCGTCTTGAAGAATTTTCCTGCATTG
CTGAGCACAGGGGAGTTCTTGAAACTCCCTTTTGAGCGTCTTGCCTTCGTGCTTTCCAGT
AATAGCCTTAAGCACTGTACTGAACTTGAGCTCTTTAAGGCTACCTGTCGTTGGCTTCGC
CTGGAAGAGCCTCGGATGGACTTTGCTGCAAAATTAATGAAGAACATACGATTTCCACTG
ATGACACCACAGGAGCTCATTAATTACGTGCAAACGGTGGATTTCATGAGAACTGACAAT
ACTTGTGTGAATTTGCTTTTGGAAGCCAGCAATTACCAAATGATGCCATATATGCAGCCA
GTTATGCAGTCAGACAGGACTGCCATTAGGTCTGACACCACTCACTTGGTTACACTAGGA
GGAGTGCTGAGGCAGCAGCTGGTTGTCAGTAAGGAATTGCGCATGTATGATGAAAAGGCC
CATGAGTGGAAATCGTTAGCCCCCATGGATGCCCCAAGGTACCAGCATGGCATCGCCGTC
ATTGGAAATTTTCTCTATGTGGTTGGCGGACAGAGTAATTATGATACAAAAGGAAAAACG
GCAGTTGATACAGTCTTCAGATTTGATCCTCGATACAATAAATGGATGCAAGTTGCATCT
TTAAATGAAAAGCGCACCTTCTTCCACCTAAGTGCCCTCAAAGGATATCTGTATGCAGTT
GGTGGGCGAAATGCAGCAGGTGAACTGCCCACAGTAGAATGTTACAATCCAAGAACAAAT
GAATGGACCTATGTTGCCAAAATGAGTGAGCCCCACTATGGCCATGCTGGAACTGTGTAT
GGAGGAGTGATGTATATTTCAGGAGGAATTACTCATGATACTTTCCAAAAGGAGCTCATG
TGCTTTGACCCTGATACTGACAAATGGATCCAGAAGGCGCCAATGACCACTGTCAGAGGT
CTGCATTGCATGTGTACAGTGGGAGAAAGGCTCTATGTCATTGGTGGCAATCACTTCAGA
GGAACAAGTGATTATGATGATGTCCTAAGCTGTGAATACTATTCACCTATCCTTGACCAG
TGGACCCCAATTGCTGCCATGTTAAGAGGGCAGAGTGATGTTGGGGTCGCTGTCTTCGAA
AATAAAATCTATGTGGTTGGGGGGTATTCTTGGAATAATCGTTGTATGGTAGAGATAGTG
CAGAAATATGATCCAGATAAAGATGAATGGCATAAGGTTTTTGATCTGCCAGAATCCCTT
GGTGGCATTCGTGCTTGCACACTCACAGTTTTTCCACCAGAAGAAACCACACCATCACCT
TCTAGAGAGTCCCCTCTTTCTGCACCTTAA

Restriction Sites: Please inquire

ACCN: NM_001168300

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001168300.1, NP_001161772.1
RefSeq Size:	3471 bp
RefSeq ORF:	1950 bp
Locus ID:	90293
UniProt ID:	Q9P2N7
Cytogenetics:	Xq24
Protein Pathways:	Ubiquitin mediated proteolysis
Gene Summary:	This gene encodes a BTB and kelch domain containing protein and belongs to the kelch repeat domain containing superfamily of proteins. The encoded protein functions as an adaptor protein that complexes with Cullin 3 and other proteins to form the Cullin 3-based E3 ubiquitin-protein ligase complex. This complex is necessary for proper chromosome segregation and completion of cytokinesis. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010] Transcript Variant: This variant (3) differs in the 5' UTR and 5' coding region, compared to variant 1, resulting in an isoform (c) with a distinct and shorter N-terminus, compared to isoform a.