

Product datasheet for **RC230381**

KLHL13 (NM_001168302) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHL13 (NM_001168302) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KLHL13
Synonyms:	BKLHD2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC230381 representing NM_001168302
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATCATCTGCATAGAGGGGAATTGGTTGCTGCAATACTTCGTAACCGATCTCTCGTGAAGAGGAAG
ACCAACACATGAAATTGCCCTTGGAGGACGCGAAATGGGCTCTCATCCATTTGCAGTCTTCCAAGGC
AGGACCTACACGCATCTTACCAGCAATACCCACAGTTCTGTGGTGTACAGGGCTTTGACCAGCTTCGA
CTTGAAGGATTGCTTTGTGATGTGACCCTGATGCCAGGTGACACAGATGATGCTTCCCTGTGCATAGAG
TCATGATGGCATCTGCTAGTGATTACTTCAAGGCTATGTTACAGGTGGAATGAAAGAACAAGATTTAAT
GTGCATTAAACTCATGGTGTGAGCAAAGTCGGTCTAAGGAAAATTATTGATTTCACTTATACTGCAAAG
CTTTCTCTTAATATGGACAACCTTCAAGACACGCTGGAAGCTGCCAGTTTCTACAGATTCTGCCAGTTT
TGGACTTCTGAAAGTGTCTCATATCTGGGGTCACTTAGACAACGTGTTGAAGTTGGACGGATTGC
CAACACCTACAATCTAACCGAAGTGGATAAATACGTTAACAGTTTCGTCTTGAAGATTTTCTGCATTG
CTGAGCACAGGGAGTTCTTGAACCTCCCTTTGAGCGTCTTGCCTTCGTGCTTCCAGTAATAGCCTTA
AGCACTGTACTGAACTTGAGCTCTTAAAGGCTACCTGTCGTTGGCTTCGCTGGAAGAGCCTCGGATGGA
CTTTGCTGCAAAATTAATGAAGAACATACGATTTCCACTGATGACACCACAGGAGCTCATTAATTACGTG
CAAACGGTGGATTTATGAGAAGTACAACTACTTGTGTAATTTGCTTTTGAAGCCAGCAATTACCAAA
TGATGCCATATATGCAGCCAGTTATGCAGTCAGACAGGACTGCCATTAGGTCTGACACCACTCACTGGT
TACACTAGGAGGAGTCTGAGGCAGCAGCTGGTTGTCAGTAAGGAATTGCGCATGTATGATGAAAAGGCC
CATGAGTGGAAATCGTTAGCCCCATGGATGCCCAAGGTACCAGCATGGCATCGCCGTCATTGGAATTT
TTCTCTATGTGGTTGGCGGACAGAGTAATTATGATACAAAAGGAAAAACGGCAGTTGATACAGTCTTCCAG
ATTTGATCCTCGATAACAATAAATGGATGCAAGTTGCATCTTTAAATGAAAAGCGCACCTTCTCCACCTA
AGTGCCCTCAAAGGATATCTGTATGCAGTTGGTGGCGAAATGCAGCAGGTGAACTGCCACAGTAGAAT
GTTACAATCCAAGAACAATGAATGGACCTATGTTGCCAAAATGAGTGAGCCCCACTATGGCCATGCTGG
AACTGTGTATGGAGGAGTGATGATATTTCCAGGAGGAATTACTCATGATACTTTCCAAAAGGAGCTCATG
TGCTTTGACCCTGATACTGACAAATGGATCCAGAAGGCGCCAATGACCACTGTGAGAGTCTGCATTGCA
TGTGTACAGTGGGAGAAAGGCTCTATGTCATTGGTGGCAATCACTTCAGAGGAACAAGTATTATGATGA
TGTCTAAGCTGTGAATACTATTCACCTATCCTTGACCAGTGGACCCCAATTGCTGCCATGTTAAGAGGG
CAGAGTGTGTTGGGGTCTGCTTCCGAAAATAAATCTATGTGTTGGGGGATTCTTGAATAATC
GTTGTATGGTAGAGATAGTGAGAAATATGATCCAGATAAAGATGAATGGCATAAGGTTTTTGATCTGCC
AGAATCCCTTGGTGGCATTCTGTGCTTGACACTCACAGTTTTTCCACCAGAAGAAACCACACCATCACCT
TCTAGAGAGTCCCCTCTTTCTGCACCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_001168302.1](#), [NP_001161774.1](#)

RefSeq Size: 3415 bp

RefSeq ORF: 1920 bp

Locus ID: 90293

UniProt ID: [Q9P2N7](#)

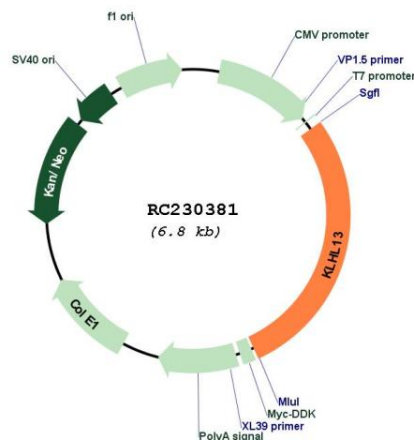
Cytogenetics: Xq24

Protein Pathways: Ubiquitin mediated proteolysis

MW: 72.1 kDa

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]

Product images:



Circular map for RC230381