

Product datasheet for **MR209669**

Klhl13 (NM_026167) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl13 (NM_026167) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Klhl13
Synonyms:	1200009K10Rik; AI451128; Bklhd2; D130072F20Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR209669 representing NM_026167
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGATATTCTTCACAGAGGAGAATTGGTTGCTGCAACTCCGCAACCGATCACTTGTGGAAGAGGAAG
ACCAGCACTTGAAACTGTGCCTTGAAGTGAAATGGGCCTCTCTCCATTTGCAGTCTTCAAGGCAGG
AAGTACACGCATCTTTACCAGCAACAGCCACAGTTCTGTGGTGTACAGGGCTTTGACCAGCTTCGGCTT
GATGGATTGCTTTGTGATGTGACACTGATGCCAGGTGATACAGATGATGCTTACCCTGTGCACAGAGTCA
TGATGGCATCTGCTAGTGACTACTTCAAAGCTATGTTACAGGTGGAATGAAAGAACAAGAGCTGATGTG
CATTAAGCTTCATGGCGTGAGCAGAGTGGGTCTACGAAAATTATTGATTTTCATCTATACTGCAAAGCTT
TCTCTTAACATGGACACCCTTCAGGATACGCTGGAAGCCGCCAGCTTTCTCAGATTCTCCGGTTTTAG
ACTTCTGCAAAGTGTCTCATATCTGGGGTCACTTTGGATAACTGTGTTGAAGTTGGACGGATTGCCAA
CACCTACCATCTGACAGAAGTGATAAATATGTCAACAGCTTCGTCTTAAAGAATTTTGCTGCATTGCTG
AGCACTGGGGAGTTCTGAAGCTTCCCTTCGAGCGCTTGCCTTTGCTCCTGTCCAGCAACAGCCTTAAGC
GCTGCACCGAACTTGACCTCTTCAAAGCTACCTGTGCTGGCTTCGCCTGGAAGAACCTAGAATGGACGT
TGCTGCAAACTAATGAAGAATACGATTTCCGCTGATGACACCACAGGAGCTCATTAATTATGTGCAA
ACCGTGGATTTTCATGAGAAGTACAATACTTGGCTCAATTTGCTTCTGGAAGCCAGCAATTACCAAATGA
TGCCGTTTATGCAGCCAGTTATGCAGTCAGACAGGACTGCCATTCGGTCTGACACCACCTCGTTTGGTTAC
ACTCGGAGGAGTCTGAGACAGCAGCTTGTGTCAGTAAAGAATTGCGCATGTATGATGAAAAGACCCAC
GAGTGGAAATCTCTAGCCCCATGGATGCCCAAGATACCAGCATGGCATTGCTGTATCGGAAATTTTC
TCTACGTTGTTGGTGGCAGAGTAATTATGACACAAAAGGAAAAACCGCGTCGATACAGTGTTTAGATT
TGATCCTCGATACAACAATGGATCCAAGTTGCATCTTTAAATGAAAAGCGCACCTTCTTCCACCTAAGT
GCCCTCAAAGGATTTCTGTATGCAGTTGGTGGACGAAATGCAGCTGGAGAACTCCCTACTGTGGAATGTT
ACAATCCGAGAACAATGAATGGACCTATGTTGCCAAAATGAATGAACCTCACTATGGCCATGCTGGAAC
TGTGTATGGAGGAGTGTATATTTTCCAGGAGGAATTACCCATGACACTTCCAAAAGGAGCTCATGTGC
TTCGACCCTGATACTGACAAATGGACCCAGAAGGCACCGATGACCACTGTCCGAGGCCTACACTGCATGT
GTACGGTGGGAGATAGGCTCTACGTCATTGGTGGCAACCATTTCCGAGGAACCAGTGATTATGATGATGT
CCTGAGCTGTGAATACTACTCACCTATCCTTGACCAGTGGACCCCAATTGCTTCCATGTTAAGAGGGCAG
AGTGATGTTGGGGTGCCTGCTTTGAGAATAAAATCTATGTGGTGGTGGCTATTCATGGAATAATCGCT
GTATGGTAGAGATAGTGCAGAAGTATGATCCAGAGAAAAATGAATGGCATAAGGTTTTCGATCTGCCAGA
GTCTCTTGGTGGTATTGAGCTTACACTTACAGTTTATCCACCTGAAGAAGCCACACCATCACCTTCT
AGAGAGTCCCCTCTTCTGGACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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_026167.4](#), [NP_080443.1](#)

RefSeq Size: 3222 bp

RefSeq ORF: 1917 bp

Locus ID: 67455

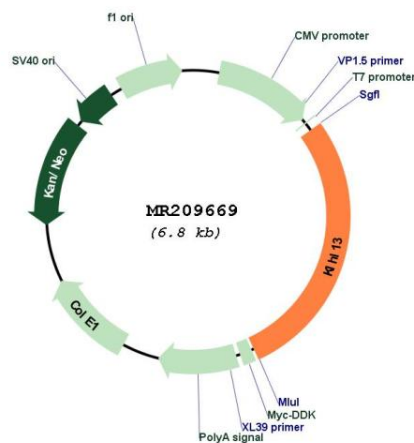
UniProt ID: [Q80TF4](#)

Cytogenetics: X A2

MW: 72.5 kDa

Gene Summary: Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for mitotic progression and cytokinesis. The BCR(KLHL9-KLHL13) E3 ubiquitin ligase complex mediates the ubiquitination of AURKB and controls the dynamic behavior of AURKB on mitotic chromosomes and thereby coordinates faithful mitotic progression and completion of cytokinesis (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209669