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Product datasheet for MC220038

Klhl17 (NM_198305) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl17 (NM_198305) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klhl17
Synonyms:	AL022703; BC058738
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC220038 representing NM_198305
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGCCCCGTGGCGAGCGGCCGGCGGGCAGGACGCAAAGTCCCGAGCACAGCAGCCCGGGGCCCGGGC
CTGAGGCGCCACCGCCGCCCCAACCGCCGGCCCCCGAGGCAGAGCGAGCTCGGCCCCGGCAGGCCCGGCC
TGCAGCCCCGATGGAAGGTGCGATGCAGCTGTTGAGCAGAGAGGGTCACAGTGTGGCACACAACTCAAAG
CGGCACTACCATGATGCTTTTGTGGCTATGAGCCGCATGCGGCAGCGTGGCCTCCTGTGCGACATCGTCC
TGCATGTGGCTGCCAAGGAGATCCGGGCTCATAAGGTGGTGTTGGCCTCCTGTAGCCCCTACTTCCACGC
CATGTTCACAAATGAGATGAGTGAGAGCCGCCAGACACATGTGACACTGCATGACATTGACCCGCAAGCC
TTAGACCAGCTGGTGCAGTTTGCATACACAGCTGAGATCGTGGTGGGCGAGGGCAACGTTCAGACTCTGC
TCCCAGCTGCCAGCCTTCTACAGTTGAATGGTGTTCGAGATGCCTGCTGCAAGTTCCTCCTGAGCCAGCT
GGACCCTTCCAACTGCCTGGGCATTCGAGGATTTGCAGACACACACTCATGCAGTGACCTGCTCAAGGCA
GCACACAGGTACGTGCTGCAGCACTTCGTGGATGTGGCCAAGACTGAGGAGTTCATGCTGTTGCCACTGA
AGCAGGTGCTGGAATTGGTCTCTAGTGATAGCCTGAACGTGCCCTCAGAGGAAGATGTGTACCGTGCAGT
CCTGAGCTGGGTCAAACATGACGTAGACACTCGGAGGCAGCATGTACCAAGGTTGATGAAGTGTGTACGG
CTGCCTCTGCTGAGCCGAGACTTCCTCCTGGGCCACGTGGATGCCGAAAGCCTTGTGAGGCATCACCCTG
ACTGCAAGGATCTGCTCATCGAGGCCCTTAAGTTCCACCTGCTGCCTGAGCAGAGAGGTGTTCTGGGAAC
CAGCCGCACGAGACCCCGTCGATGTGAGGGCGCTGGCCCTGTGCTCTTTGCTGTCGGTGGTGGGAGCCTG
TTCGCGATCCACGGAGACTGTGAAGCGTATGACACGCGGACTGACCGTTGGCATGTGGTGGCCTCCATGT
CTACACGTCGGGCTCGTGTAGGAGTTGCTGCCGTCGGGAACCGACTGTATGCTGTGGGCGGCTACGATGG
AACCTCAGACCTGGCTACGGTGGAGTCCTATGACCCTGTGACAAACACATGGCAGCCCGAGGTCTCCATG
GGCACAAGGCGGAGCTGCCTAGGTGTAGCTGCTCTGCATGGGCTCCTGTATGCAGCTGGTGGCTACGATG
GGGCTTCCTGCCTCAACAGTGCTGAACGATATGACCCACTGACGGGAACATGGACATCCATTGCTGCCAT
GAGCACCCGGAGGCGATATGTGCGTGTGGCCACACTTGATGGGAACCTGTACGCCGTGGGTGGTTATGAC
AGCTCGTCACACCTGGCCACCGTGGAGAAGTATGAGCCCCAGGTGAATTCATGGACACCTGTAGCTTCCA
TGCTGAGCCGGCGCAGCTCAGCAGGAGTAGCAGTGCTGGAGGGTGCCCTGTATGTCGCAGGGGGCAATGA
TGGCACAAGCTGCCTCAACTCAGTGGAGAGATATAGCACCAAGGCTGGTGCCTGGGAGAGTGTGGCACCC
ATGAATATCCGCAGGAGCACACATGACCTGGTGGCCATGGACGGCTGGCTCTACGCCGTGGGGGGCAATG
ACGGCAGCTCCAGCCTCAACTCCATAGAGAAGTACAACCCGAGGACCAACAAGTGGGTGGCGGCATCCTG
CATGTTCACAAGACGCAGCAGTGTGGGCGTGGCGGTGCTGGAGCTGCTCAACTTCCCACCACCTTCCTCA
CCCACGCTGTCTGTGTCCTCTACCAGCCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_198305

Insert Size: 1923 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).

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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_198305.2, NP_938047.1
RefSeq Size:	3014 bp
RefSeq ORF:	1923 bp
Locus ID:	231003
UniProt ID:	Q6TDP3
Cytogenetics:	4 E2
Gene Summary:	Substrate-recognition component of some cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex. The BCR(KLHL17) mediates the ubiquitination and subsequenct degradation of GLUR6. May play a role in the actin-based neuronal function (By similarity).[UniProtKB/Swiss-Prot Function]

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