

Product datasheet for **MC220898**

Klh11 (NM_172565) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klh11 (NM_172565) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klh11
Synonyms:	BC011167
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220898 representing NM_172565
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGGCTGTGGCGGGCAGCTGCCGCTGCGGCCGGCTGCATCTTTCAAGTGTGGAGATGG
 AGAGCATGGAGACTGCCGTCGCCGTTCCGCGAGCCTGGCCGCTGAGGTCGAGGACAGTGGCACGGTAGA
 CTTCTGACCGGGCCGGCATCTCTACCCTCGTCGACACGGCGGGAGCGATCCGGGCCAGAGGCCGAG
 GACTTCGAGTGCAGCACTCACTGCTCCGAGTTGCTGCGCGCAGAACGAGCAGCGGCGTCAAGGCCTGT
 TCTGCGACATCACCTGTGCTTCGGCGGGCCGGAGGTCGCGAGTCCGTGCCACCCTCGGTGCTGGC
 CGCTGCCACCGAGTACTCACGCCCTTACTCTCGGGTCAGTTTTCGGAATCGCGCTCGGGCCGGGTGGAG
 ATGCGCAAGTGGAGCTCAGAGCCCGACCCGAACCTGACACGGTGAAGCCGTTATCGAGTACATGTACA
 CCGGCCGATCCGAGTGAGCACCGCAGCGTGCACGAGGTCGAGCTGGAGCTGGCCGACAGATCTTATTAAT
 TCGTTTAAAAGAATTCTGTGGAGAATTTCTCAAGAAAAAATTCTCTCGAATTGTGTGCCATTTCAT
 AGCTTAGCCACATGTATACCCTGAGCCAGCTTGTCTGAAAGCTGCAGATATGATACGGAGAAATTTCT
 ATAAAGTCATTCAGGATGAGGAATTTTACACTTACCTTTCCATCTCATTCCGGACTGGCTTTCCGACTT
 GGAAATCACTGTGGATTCTGAAGAGGTTCTTTTGAACAGTTTTGAAGTGGGTTCCAGAGAAATGCAGAA
 GAGAGAGAGATACTTTGAAGAGCTTTTAAATGCTCAGATTGCCAGATGAAACCCACCTACCTTA
 CACGGCATGTCAAACAGAGCGGCTAGTGGCCAATAATGAAGTTTGTGTCAAGCTGGTGGCAGAAGCAGT
 GGAGAGGCATGCGCTCAGAGCAGAGAATACAGTCTGGCACATTGCAGCAGCCCACTTCAAGTCTCA
 CTGTTACCTCGCTATGGACAAAACATGGACGTAATCATGGTTATCGGAGGAGTGTGGAAGGAGGAGACT
 ACTTAAGTGAATGTGGGATATTTTGTGATGAGGATAGTGGGTCAATCTGCCACATTCATAACCA
 CCTTGATGGACATGCCGTCGCAATTACAGAGTCCTACGTGTATGTTGCTGGCTCCATGGAACCAAGGTTT
 GCTAAAACGTGGAAAGATACAACCCAAACCTGAATACATGGGAACATGTTTGTAGTCTGATGACCAGAA
 AGCACTCTTTGGGCTAACAGAAGTCAAAGGGAAGCTGTATAGCATTGGAGGACACGGCAATTTTAGCCC
 TGGCTTTAAAGACGTGACTGTTTACAATCCCGAGCTTGATAAATGGCACAACTTAGAGTCAGCACCAAAG
 ATTCTGCGAGATGTCAAAGCATTAGCCATTGAGGACCGGTTTGTGTACATTGCTGCCCGCAGCCCGTGG
 ACCGGGACACTGAGGATGGACTGAAGGCTGTAATTACTTGCTATGATACAGAGACTCGACAGTGGCAAGA
 TGTGGAATCTTTACCGCTTATTGACAATTACTGTTTTTCCAGATGTCTGTGGTCAATTCAACTTTTAT
 CAGACAGCATCATGCTGTCCAAGATTACTCCTTAGAAAATGAAGAAGCAGTAAGAAAAATGGCCGTC
 AGGTGTCTGATGAGATCCTTGAAGCTTGCCTCCAGAAGTCTAAGCATCGAAGGAGCAGCCATTTGCTA
 TTACAGAGATGATGCTTTCATTATTGGAGGCTGGAAAAACAGTATGATATTGACAAACAGTACAGGAAA
 GAGGCCTACCGATACTGTGCTGAGAGAAAGAGGTGGATGCTCCTTCTCCAATGCCTCAGCCCCGCTGCA
 GGGCCACTGCTTGCCATGTCAAGATCCCTTACCGTACTTACATGGCACACAGAGATACCCCATGCCTCA
 AAATTTAATGTGGCAGAAGGACCGCATCCGACAGATGCAAGAGATACATCGGCACGCCCTGAACATGCGG
 AGAGTGCCAAGTCCCAGATTGAATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172565

Insert Size: 2130 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:	<u>NM_172565.2</u> , <u>NP_766153.1</u>
RefSeq Size:	2436 bp
RefSeq ORF:	2130 bp
Locus ID:	217194
UniProt ID:	<u>Q8CE33</u>
Cytogenetics:	11 D
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]