

## Product datasheet for **MC217677**

### **Klhl33 (NM\_001166651) Mouse Untagged Clone**

#### **Product data:**

|                           |                                            |
|---------------------------|--------------------------------------------|
| Product Type:             | Expression Plasmids                        |
| Product Name:             | Klhl33 (NM_001166651) Mouse Untagged Clone |
| Tag:                      | Tag Free                                   |
| Symbol:                   | Klhl33                                     |
| Synonyms:                 | EG546611                                   |
| Mammalian Cell Selection: | Neomycin                                   |
| Vector:                   | pCMV6-Entry (PS100001)                     |
| E. coli Selection:        | Kanamycin (25 ug/mL)                       |



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**Fully Sequenced ORF:** >MC217677 representing NM\_001166651  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGC**

ATGCTTCTGAGTGGGATGAGGGAGTCCCAGGGCACAAAGGTGACTCTGCGTACCATCTCTTCCCAAGACC  
 TGAGACTCCTCGTTTCTTTGCCCTACACTGGAGTTGTTTCGAGAAAGATGGCCAGGATTGCTAAGAGCTGC  
 CCAGGCTGCTCTGCAATACCAGAGCTCTTCTGTCTGGATTTGTGTGAGAAAGCCTTGGCACAAAGCCTC  
 TGCCCCGCCCTTTGCCTAGCTTTGTTCCCTATGATTGAGGCCCTGGCTTGGAGAAAGTCTGGGGGAAAG  
 CCCACGATTACCTCCTCAGTCACCTGCCTGCTGTGGCTTCGTGCCCTACCTTTTCATCCTTGCCAGTTAC  
 CTGCTGGCTGAGCTCCTGGACAGTGATGAAGTCCATGTGCAAGAAGAGTTTGGGCTTTCTCAGCTGCA  
 CGGTGTTGGCTGGCTGCCAACCCGAGACCCAGAGTCAGAGGCCAAGGCACTGTTGCGATGTGTTGCT  
 TTGGCCGCATGTCTACCAGAGAGCTGCGAAAGGTGCGGGCAGCTGGGCTCCCCCATCTCTGCCCCCGA  
 TCTGCTGTACCAGCTGATGGTGAAGCTGAAGTTCCAGGTCAAGAGAGATGGAGGAGCCTGACCAAGCC  
 CTGGTGGTGATTGGTGGGATGGGCTTAGACCTGACATGGACCGAAGACAGCCATCATGCAAAGTGTGGT  
 GGGCCCGGCATTTCACTGTGGCATGGGTCTGGTACGAAGTGTGGAGTGGTGCCGGCTGCCCAATTTGCC  
 TGCCCCAGGGCGCTTTCCGCACGGAGCTGCGAGCCTAACAGGAAGTGAAGTCTATGTGTGTGGGGACAG  
 GATTTCTACAGCCACAATAGCACTCTGGCTTCAACTCTCAGATGGAGTTCAGTCAAGAAGACTGGGAGG  
 AGATGGCACCTTTGTGCCAGGCTCGGAGCTTCTCCCTTTGGTGGTATTTGATGGACAGCTTTATGCCCT  
 AGGTGGACGAGACAATGGTGTGCCCTTAATTCTGTTGAGACCTATAACCCTGAAGTCAATGTCTGGAGG  
 CCAGCACCTGCTCTTCCAGCTCCATGCTTTGCCATGCAGCTGCTATCCTTGAGGACCGATTATATGTCA  
 GCGGTGGCTGTAGCGGGACTGGCCAGTACTTGGACTCACTGATACACTATGACCCCAAACCTAAGAGGCC  
 TGGGACGCTTCTGAGCCCAATGGGAGTTGCCCGGCTAGCCACGTGATGGCGGCACTGGGTGGGAAGTTG  
 TATGTGGCAGGTGGAGTAGGGGACACTGGGACCTACTAAGCTTTGAAGCCTATGAACCAAGAGCGATA  
 GCTGGACTCAGCTGGCATCCTTGCCCTCCCCCATGTGGGGGCTGCAGGTGCCGTGCTACAGGGGAGCT  
 CCTGGTACTAGGGGGCTACAGCCACCGTACTTACGCCATCTCCACCTTGTTCATGCCTACTGCCCTGGT  
 CTGGATCGCTGGCTATGCCTGGGACTCTGCCAAGGCCTCGAGCTGAGATGCCGGCTGCATCTTGACAT  
 TGCCAGTGTGCAGCACATAGCTTTGGTTCCTACTCAGCACCAAAACAACTGCTGGG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001166651

**Insert Size:** 1602 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:**

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\_001166651.1, NP\_001160123.1

**RefSeq Size:** 1602 bp

**RefSeq ORF:** 1602 bp

**Locus ID:** 546611

**Cytogenetics:** 14 C1