

## Product datasheet for **MC220042**

### **Klhl34 (NM\_001081667) Mouse Untagged Clone**

#### **Product data:**

|                           |                                            |
|---------------------------|--------------------------------------------|
| Product Type:             | Expression Plasmids                        |
| Product Name:             | Klhl34 (NM_001081667) Mouse Untagged Clone |
| Tag:                      | Tag Free                                   |
| Symbol:                   | Klhl34                                     |
| Synonyms:                 | Gm388                                      |
| Mammalian Cell Selection: | Neomycin                                   |
| Vector:                   | pCMV6-Entry (PS100001)                     |
| E. coli Selection:        | Kanamycin (25 ug/mL)                       |



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**Fully Sequenced ORF:** >MC220042 representing NM\_001081667  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGTTACTTCTGTCTTACTGCAAAACCCACGGCAGCTCTTCTCACTGGCTACCAGGCCCTACGCG  
 CTGAGGGCTTCTTGTGCGACGTGACACTGGAGGCCGAGGGCAGTGAGTTCCAGCACACAGGTCATTCT  
 GGCGTGCTCCAGCGACTACTTCAGGGCCCTGTTCAAGAGTCACACTCAGGAATCGCGGGCTCGCGTAATT  
 CACCTGCGTGTGCCTTCAGCGGCCGGCTACAGCGCCTGCTGGACTTCATCTACACTGCCTGGTGCCCC  
 TCTCCATGGACACTGTGGAGGACACTCTGGAGGCTGCCAGCTACCTGCAAGTCACCGAGGCCCTGGGACT  
 GTGTGCCCACTACTTGAACGCCAGCTTGCCCCAGAGAATTGCTGTTTCATTGCCAATGTGGCAGCTCGA  
 TTTGGCCTGGCCCGCACCTAGGTGCAGCGGAGTGCTGTATTGTACGCCACCTGGGGGGCTGTTACTGA  
 TGGGCACTGGCCCTCGGGGCTGTTGAACTCAATCCTATATCAATGAAAGCTGTGCTGGCGCCCTGA  
 CGTGGCACGGGTGCTGAGACGGGCTGCTGGGCTGGCACTAGCCTGGTGCAGCAGGAACCAAGGTC  
 CAGCGCCTGGCACATAGTTCAACACTGCTTGGATGCATCCGCTTTGGCCTGGTGCCTGCTGGTGTCTGC  
 GGCGCATATACTCGGGCTCCGGTCTTATATTACCTACTAGGATCAAAAGCCTCATCATCCAGGCCCTCAA  
 TTACCATACAGCACCTCCAGCCAGCCGCTTCTGCAGGGAGAACAGACTAGTGTTCCGAGTCCCCAGACC  
 CGTATCTTGCTAGTTGGTGGTCTCAGAGCTAGGGAGATGGTTACCGAGGAGATCATGGGCCCTACCAGAGG  
 TAGTTCAAGATCGGCACCTGCACCTCAACCAGAGGAAGAGGAGGGACAGGAGGAGGAAGAGATGGAGGA  
 GAAGGAGTGGGAGCTCACCCAGGATGTGGTGTCTTCGACGTGTATAACCACAGCTGGCACAGCTTGACA  
 CAGCTGCCACACCACTGCTAGGCCACAGTGTATGTACCACTGGCAACTTCCTATTTGTCCTTGGAGGGG  
 AGAGCCTTCCTGGCAGCCCATCTAGTTCCCTGGCTGCCGGCTCAAGGTCAATCACAGCCTTAGTGCACCG  
 TTATGACCCGCGCTTCCACACTTGGACACAGGTGCCTGCCATGCGAGAAGCAAGGGCCTACTTCTGGTGT  
 GGTGTGGTAGGTGAGAGTCTCCTGGCTGTGCGAGGCTGGGCATCTGTGGTGAAGCACTGGCCTCAGTGG  
 AGATGTATGACCTTCGCAGGGACCGCTGGATGGCAGCTGGACAGCTACCTCGGGCAGTACATGGTCACGC  
 AGGTGCTGTGCGGGATCATGGTGTGTGTACATCTCGGGGGCAAGGCTGGGAGAGGTGAAGGAGGCACA  
 AGTAGCCTCCGGGATATGTAATCCCTTAGCCCCGAGAGAGAGTGTGGAGCAAGAGGGCACCCATGGGCA  
 CAGCTCGCTATGGGCACTACCTGTGGTGTGCGAGGTGCACTGTTTGCCTTTTGGGGAGATATGAGCC  
 CTTCTCTGAGATTGAACGCTATGACCCCTGCACAGACAGTGGACTCGGTTGCGGTGCTACCTATGAC  
 CGCTTCTGCTATGGACTTGTGTGGTGAAGAGACAGTGTGCTGCTGGGTGGTCTCAAGTGGCGGGACT  
 CACGCCAGGTGCCAACCCGGAACGTAGTGGGCTATGACCTGGACCTGGACCGTTGGGAAGATATAGGCTG  
 TGTGCTGCCCTGGGCATGGAGTGGCCTTCAGTGTGCACTGCTGCAGCTACCCGAGGGTAGGGAGGAGACA  
 AGGGAGGGAGAGACTGGAGAGGTGCCAGATTTAGTGTGGATT**GTA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001081667

**Insert Size:** 1935 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\_001081667.2, NP\_001075136.1

**RefSeq Size:** 2626 bp

**RefSeq ORF:** 1935 bp

**Locus ID:** 245683

**Cytogenetics:** X F4