

## Product datasheet for **MC228668**

### **Klhl4 (NM\_001290478) Mouse Untagged Clone**

#### **Product data:**

|                           |                                           |
|---------------------------|-------------------------------------------|
| Product Type:             | Expression Plasmids                       |
| Product Name:             | Klhl4 (NM_001290478) Mouse Untagged Clone |
| Tag:                      | Tag Free                                  |
| Symbol:                   | Klhl4                                     |
| Synonyms:                 | B130014A11; C130018J01Rik                 |
| Mammalian Cell Selection: | Neomycin                                  |
| Vector:                   | pCMV6-Entry (PS100001)                    |
| E. coli Selection:        | Kanamycin (25 ug/mL)                      |



[View online »](#)

**Fully Sequenced ORF:** >MC228668 representing NM\_001290478  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCAGTGTCCGGCAAGAAAGAGTTTGTATGTGAAACAGATCCTGAGGCTGCGCTGGAGATGGTTTAGTC  
 ATCCTTCTCAAGGATCGCCGAACACTGGAAGCTGCCTTCAGCAGGAAGGATATGAGCATAGAGGGACCCC  
 GGTGCAGGGCAGGTTGAAGAACCCTCACGGGACAGAAACGGAAGTGAAGAAAAGCAATAGTCCTGTCCAC  
 CACGATATACTGACGCCAGTACCAGGACCAGCCCTACCCATCAAAGAGTCCTTCAGAATTGGCACCAAC  
 AAAACGTGATAGTACATCTTCAAGCAAATGAAGACACTCCTAAAGCCGTTCCAGAAGGAAATTTGCTCAA  
 AGAGGCTTGTGAGAAGCGCTCACGAGATTTGGAGATGATGGGTGATGACAATATAGAAGATATGAGAGCA  
 GGACCATGTGTTGAGGAACCTGAACAAATGACCACCAGTTCTAATGATCACTACCGTTCTCGAAGCCATG  
 CAGATTACACTCTCTGTAAAATGGAAAGCTATTTGAAAGAGAGAAAAGTGTGTGATGTGCTACTTATTGC  
 TGGACCTCTTAAATCCAGCTACCGATTGGTTCTCAGTGCTGTGTCTGATTATTTTGTGCAATGTTT  
 ACTAATGATGTGCTTGAAGCCAGACAAGAAGAGTCAAAATAGAAGGAGTAGATCCAAATGCACTTAATT  
 CTTTAGTGCAGTATGCTTATACAGGTGTGCTGCAACTGAGAGAAGACACCATTGAAAATTTGCTGTGACG  
 AGCCTGTCTCTTACAGCTGACTCAGGTCATTGATGTTTGTGCAATTTCCCTATAAAGCAACTTCACCCCT  
 TCAAATGCCTAGGGATTGCTCATTGGAGATGCACAGGGCTGTATGGAGCTTCAGAATGTGGCACATA  
 AGTATGCCATGGAACACTTCATTGATGTAATAAAGAACCAAGAATTCCTGCTGCTCCAGCTAATGAAAT  
 ATCAAACTTCTGTGTAGTATGACATTAATGTGCCTGATGAAGAAACAATTTCCATGCTCTTATGCAG  
 TGGTTGCTTGCAGATCTGAAAAACAGTTCATTCTCAGTGGTAATCTGGAATGTCAGAAGCTACTAATGG  
 AAGCTATGAAGTATCATCTCTTGCTGAGAGAAGGTCCATGTTGCAAAGCCCTCGTACAAAGCCCTAGAAA  
 ATCAACTGTGGGGCACTTTATGCTGTGGGAGGCACCACTACAATTGAGAAGTATGACCTCCGAACCAAC  
 AGTTGGATCCACATTGGCACTATGAGTGGTCTGAGACTTCAATTTGGAGTGGCAGTTGTTGATAATAAAC  
 TTTACGTTGTGGGAGGAAGAGATGGCTTAAAACTTTGAATACTGTGGAATGTTTCAATCCGTTACTAA  
 AACCTGGGTTGTAATGCCTCCTATGTCCACACATAGGCACGGGCTAGGCGTAGCCACACTGAAGGACCA  
 ATGTATGCGGTTGGAGGTCACGATGGATGGAGCTATCTAAACACTGTAGAAAGATGGGACCCTGATGGCC  
 GTCAGTGAATTATGTGGCCAGCATGTCAACTCCAAGAAGCACAGTTGGAGTTGTTGCATTAACAATAG  
 GCTGTATGCTATTGGTGGACGTGATGGAAGTTCCTGTCTTAAGTCCATGGAATCTTTGACCCGCACT  
 AACAGTGGAGTCTGTGTCCCGATGTCCAAAGACGTGGAGGTGTAGGAGTAGCAACACACAATGGAT  
 ACTTGTATGTTGTAGGGGTGATGATGCCCTGCTCCTAATCATTGCTCCAGGCTTTCTGACTGCGTGGA  
 AAGATACGACCCAAAAGGCGATTGATGGTCAACTGTGGCACCTTTGAGTGTTCCTCGAGATGCTGTTGCA  
 GTGTGCCCCCTTGGAGACAACTCTACGTGGTTGGCGGATATGATGGTCATACTTACTTGAATACCGTTG  
 AGTCGTATGATGCTCAGAAAGACGAATGGAAGAGGAAGTCCCTGTGAACATTGGAAGAGCTGGAGCATG  
 TGTGTTGTTGTGAAGCTGCAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001290478

**Insert Size:** 2055 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                              |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq:</b>                | <u>NM_001290478.1, NP_001277407.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>           | 3785 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>            | 2055 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Locus ID:</b>              | 237010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cytogenetics:</b>          | X E1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |