

## Product datasheet for **MC219453**

### **Klh132 (NM\_001033531) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Klh132 (NM_001033531) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klh132
Synonyms:	6430524H05Rik; D4Ertd389e; Gm1356; mKIAA1900
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219453 representing NM\_001033531  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCGTCTGAACACTGCCTCAGTATTCAAGAAATGCTGACGGGCCAGAGGCTGTGCCACTCGGAAACTC  
 ACAATGACACGGTCTGGCGGCGCTGAATCAGCAAAGAAGTGATGGCATTCTCTGCGACGTGACCCTGAT  
 CGCCGAGGAACAGAAATCCACGCTCACAGGCGGTCCTAGCAGCCTGCAGTGACTACTCCGGGAATG  
 TTCAGTCTTTGTATGGTGGAAAGTGGAGCCGATGAAGTAAATTTACGTGGTGTGACCAGCCTGGGCTTAA  
 AGCAGGCTCTGGAGTTCCATATACAGGACAGGAACTAAATAGCTTTAATTACTTGGATCTGTACAGACT  
 TGCTGACCTCTTTCACCTCACTTTGTTGGAGAAGGCAGTGATTGACTTCTAGTGAAGCATCTCTCGGAG  
 CTCCTGAAGAGCCGCCAGAGGATGTCTCACGCTGCCCTACTGCCTGCTTACAGGAGGTGCTGAAGAGTG  
 ACCGCCTGACGTCCTGAGTGAGGAGCAGATCTGGCAGCTAGCTGTGAGGTGGCTGGAACACAATTGCCA  
 TTACCAGCATCTGGACGAGCTCCTGCAGTACATCCGCTTTGGCCTAATGGATGTGGATACACTCCACAGC  
 GTTGCCCTATCCACCCCTGGTGCAGGCAAGTGAGACGGCAACTGCCCTTGTAACGAGGCCCTGGAAAT  
 ACCACCAAAGCATCTATGCACAGCCTGTGTGGCAGACCCGCCGGACAAAACCGCGATTCCAGTCCGATAC  
 TCTCTATATTATTGGTGGGAAGAAGCGTGAGGTCTGCAAAGTCAAGGAACTTCGTTACTTCAATCCTGTG  
 GACCAGGAGAATGCCCTCATAGCCGCCATTGCCAACTGGAGTGAGCTGGCTCCCATGCCGGTGGGAAGGA  
 GCCATCACTGTGTGGCAGTCAATGGGGGACTTCTGTTTGTAGCAGGAGGAGAAGTGAACATGCCAGTGG  
 CCGGACATGTGCCGTGAGGACAGCCTGTCGCTATGACCCCGCAGTAATCCTGGCAGAGATAGCACCC  
 ATGAAAACTGCCGGGAACATTTTGTGCTGGGTGCCATGGATGAATACCTCTATGCAGTAGGGGGCAGAA  
 ATGAACTGTGCCAAGTTCTACCTACAGTTGAACGATACTGCCCAAGAAGAACAATGGACTTTTGTGCA  
 GTCCTTTGACAGATCCCTCTCGTGTACGCTGGATATGTGGCTGATGGTCTTCTTTGGATATCAGGTGGG  
 GTGACAAACACCCACAGTATCAGAACAGACTGATGGTATATGAACCTAACCCAGAATAAGTGGATAAGTC  
 GCAGCCCCATGCTACAGAGAAGAGTCTACCACTCCATGGCTGCTGTCCAAGGAAGCTTTATGTGCTTGG  
 AGGCAATGACCTGGATTACAATAATGACCGGATTCTCGTGCCTCATATAGATTCTTACAACATTGACT  
 GATCAGTGGACGCGCTGTAATTTCAACTTGTGACTGGCCAGAATGAATCTGGAGTCGCTGTCCATAATG  
 GGAGAATATATTTAGTTGGTGGATTTCAATTTGGACAAATGAGCCTCTGGCTTGTATCCAGGTATTGGA  
 TGTGAGCAGAGAAGGCAAAGAGGAAGTGTCTACGGACCTACACTGCCCTTTGCTCCAACGGCATAGCG  
 GCGTGCTTCTCCGGCTCCGTATTTACATGCCCAACCTGCAGACTCTGCAAGTGCTCACACAGGA  
 TCGGCACTGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001033531

**Insert Size:** 1764 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.

**RefSeq:** [NM\\_001033531.3](#), [NP\\_001028703.2](#)

**RefSeq Size:** 2287 bp

**RefSeq ORF:** 1764 bp

**Locus ID:** 212390

**Cytogenetics:** 4 10.42 cM