

## Product datasheet for **MG209352**

### **Klhl26 (NM\_178771) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Klhl26 (NM_178771) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Klhl26
Synonyms:	C630013N10Rik; Klkl26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG209352 representing NM\_178771  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGAGTCCGGTGGCAGCAGCGGCTCTAGTCAGAGCCCCAGCGCCCGAGCAGCTTGCCGACAGGA  
 ATGGGGCACTTAAGTGCACCTTCTCTGCAGCTGGCCACAGCACTGGCCTCCTGCAGGGCCTGGCTGCCCT  
 CCGTGCACAGGGCCAGCTGCTCGATGTGGTCTCACTGTCAACAGTGAAGCCTTTCATGCGCACAAGGTG  
 GTCTTGCGAGCCTGCAGTACTACTTTAGGGCCATGTTCACTGGCGGCATGCGTGAGGCCAACAGGCTG  
 TCATCCAGCTGCAGGGTGTGTCTGCACGTGGCCTGCGTCACATCATCGATTTTGCCTACAGTGTGAGGT  
 GACTGAGCCTAGACTGTGTGCAGGACGTGCTGGGTGCTGCCGTGTTTCTGCAGATGCTGCCGGTGGT  
 GAGCTGTGCGAGGACTTCTGAAAGCTGCCATGAGCGTAGAGACGTGCCTGCACATTGGCCAGATGGCTA  
 CCACCTTCAGCCTGACATCACTCGTGTGAGTCAGTAGATGCCTTACATTCGCCACTTCTCGCAGATAGC  
 AGCAGAAGAGGACTTTCTGCGCCTGCCACTCGAGCGCCTTGCTCTTTCTGCAGAGCAACCGGCTGCAG  
 AGCTGCGCCGAGATTGACCTGTTCCGCGCTGCTGTGCGCTGGCTGCAGCATGATCCTGCCGCCGCGCCC  
 GTGCCAGCCTTGTGCTACGCCACGTGCGCTTCCCGCTCATGCAACCTGCTGAACTGGTGGACAGCGTGCA  
 GACTCGACGTCATGCTCGACGATGCCCTGTGTGCGCAGTACCTGCTGGAGGCCTTACAGTACCACGTG  
 CTGCCCTGCCGCCAGCATGACATGCAGTCGCTCGCACTGCTGTGCGCTCTGATGTAGCGTCCCTGGTGG  
 CCTTCGGGGGCACACCTTATACCGACAGCGACCGAGCTGTGAGCAGCAAGGTGTTCCAGTTACCTGAGCC  
 AGGAGCACGCCACTTCCGCGAGCTCACGGAGATGGAACGGGCTGTAGCCACGCGGGCGTGGCTGTGCTG  
 GATAACTTCGTGTACGTGGCAGGCGGCCAGCATCTGCAGCACCGCAGTGGCGAAGCGCTGTGGACGCT  
 GCTACCGCTATGATCCACAGCGCAATCGCTGGCTGCGGCTGCGAGCACTGCGTGAGAGCCGCTGGCAGTT  
 CCAGCTCACTGCAGTGGGAGGGCTGTTGTATGCCACCGTGGCCGAAATCGCGCGGGCAGCCTGGCGTCT  
 GTGGAGCGCTACTGCCACGCCGTGACAGCTGGGATTTTGCCTGCCACTCAAGCGCCGTACCTGGGGCC  
 ATGCGGGTGCCGAGCTGCTGGTGCCTCTACATCTCAGGTGGTTATGGCGTCTCAGCGGAGGACAAGAA  
 GGCGTGCAGTGTATGATCCAGCAGCCGACCGCTGGGAGCCAGGGCGCCCATGCGTGAGCCCCGCGTG  
 CTGCACGCAATGTTGGGCGCTGCTGGCCGATCTATGCCCTAGGTGGCCGATGGACCACGTGGACCCT  
 GCTTCGATGTGCTGGCTGTGGAGTACTACGTGCCGGATGCCGACAGTGGACCAGTGTGACACCCATGCC  
 AGCTGGTCAGTCGGAAGCTGGCTGCTGTCTACTAGAGAGGAAGATCTACATCGTGGTGGCTACAACCTGG  
 AGGCTGAACAATGTCACAGGCATCGTTCAGGTGTACAACACTGAGACGGATGAGTGGGAGAGAGACCTGC  
 ACTCCCCGAGTCTTTGCAGGCATTGCCTGTGCTGCTGCTGCTGCCCGCTCAGGCCATGGGAGG

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>MG209352 representing NM\_178771  
 Red=Cloning site Green=Tags(s)

MAESGSSGSSQSPERPSSLADRNGALKCTFSAAGHSTGLLQGLAALRAQGQLLDVVLTVNSEAFHAKV  
 VLAACSDYFRAMFTGGMREANQAVIQLQGVARSRLRHIIDFAYSAEVTLDLDCVQDVLGAAVFLQMLPVV  
 ELCEDFLKAAMSVETCLHIGQMATTFSLSLRESVDAFTFRHFLQIAAEEDFLRPLERLVFFLQSNRLQ  
 SCAEIDLFRAAVRWLQHDPARRARASLVLRHVRFPLMQPAELVDSVQTLDMVLDLALCRQYLLEAFSYHV  
 LPCRQHDMQSPRTAVRSDVASLVAFGGTPYTDSDRAVSSKVFQLPEPGARHFRELTEMELGCSHAGVAVL  
 DNFVYVAGGQHLQHRSGEAVDACYRYDPQRNRWLRALRESRVQFQLTALGGLLYATGGRNRAGSLAS  
 VERYCPRRDSWDFACPLKRRTWGHAGAAAAGRLYISGGYGVSAEDKKALQCYDPAADRWEPRAPMREPRV  
 LHAMLGAAGRIYALGGRMDHVDRCFDVLAVEYYVPDADQWTSVTPMRAGQSEAGCCLLERKIYIVGGYNN  
 RLNNVTGIVQVYNTETDEWERDLHFPEFAGIACAAVLLPRSGHGR

**TRTRPLE** - GFP Tag - V

**Chromatograms:**

[https://cdn.origene.com/chromatograms/ja3336\\_h01.zip](https://cdn.origene.com/chromatograms/ja3336_h01.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_178771

**ORF Size:** 1818 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

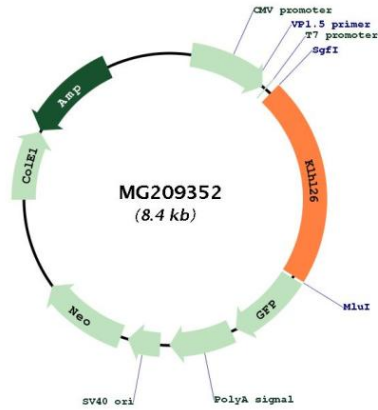
**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_178771.3, NP\\_848886.1](#)  
 RefSeq Size: 3069 bp  
 RefSeq ORF: 1821 bp  
 Locus ID: 234378  
 UniProt ID: [Q8BGY4](#)  
 Cytogenetics: 8 B3.3

**Product images:**



Circular map for MG209352