

Product datasheet for **MR209352**

Klhl26 (NM_178771) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl26 (NM_178771) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Klhl26
Synonyms:	C630013N10Rik; Klkl26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209352 representing NM_178771
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGAGTCCGGTGGCAGCAGCGGCTCTAGTCAGAGCCCCAGCGCCCCGAGCAGCTTGCCGACAGGA
 ATGGGGCACTTAAGTGCACCTTCTCTGCAGCTGGCCACAGCACTGGCCTCCTGCAGGGCCTGGCTGCCCT
 CCGTGCACAGGGCCAGCTGCTCGATGTGGTCTCACTGTCAACAGTGAAGCCTTTCATGCGCACAAGGTG
 GTCTTGCCAGCCTGCAGTACTACTTTAGGGCCATGTTCACTGGCGGCATGCGTGAGGCCAACAGGCTG
 TCATCCAGCTGCAGGGTGTGTCTGCACGTGGCCTGCGTCACATCATCGATTTTGCCTACAGTGTGAGGT
 GACTGGACCTAGACTGTGTGCAGGACGTGCTGGGTGCTGCCGTGTTTCTGCAGATGCTGCCGGTGGT
 GAGCTGTGCGAGGACTTCTGAAAGCTGCCATGAGCGTAGAGACGTGCCTGCACATTGGCCAGATGGCTA
 CCACCTTCAGCCTGACATCACTGCGTGAGTCAGTAGATGCCTTACATTCGCCACTTCTCGCAGATAGC
 AGCAGAAGAGGACTTTCTGCGCCTGCCACTCGAGCGCCTTGCTTCTTTCTGCAGAGCAACCGGCTGCAG
 AGCTGCGCCGAGATTGACCTGTTCCGCGCTGCTGTGCGCTGGCTGCAGCATGATCCTGCCGCCGCGCCC
 GTGCCAGCCTTGTGTACGCCACGTGCGCTTCCCGCTCATGCAACCTGCTGAACTGGTGGACAGCGTGCA
 GACTCGACGTGCTCGACGATGCCCTGTGTGCGCAGTACCTGCTGGAGGCCTTACAGTACCACGTG
 CTGCCCTGCCGCCAGCATGACATGCAGTGCCTCGCACTGCTGTGCGCTCTGATGTAGCGTCCCTGGTGG
 CCTTCGGGGGCACACCTTATACCGACAGCGACCGAGCTGTGAGCAGCAAGGTGTTCCAGTTACCTGAGCC
 AGGAGCACGCCACTTCCGCGAGCTCACGGAGATGGAACGGGCTGTAGCCACGCGGGCGTGGCTGTGCTG
 GATAACTTCGTGTACGTGGCAGGCGGCCAGCATCTGCAGCACCGCAGTGGCGAAGGCGCTGTGGACGCT
 GCTACCGCTATGATCCACAGCGCAATCGCTGGCTGCGGCTGCGAGCACTGCGTGAGAGCCGCTGCGAGTT
 CCAGTCACTGCCTGGGAGGGCTGTTGTATGCCACCGGTGGCCGAAATCGCGCGGGCAGCCTGGCGTCT
 GTGGAGCGCTACTGCCACGCCGTGACAGCTGGGATTTTGCCTGCCACTCAAGCGCCGTACCTGGGGCC
 ATGCGGGTGCCGAGCTGCTGGTGCCTCTACATCTCAGGTGGTTATGGCGTCTCAGCGGAGGACAAGAA
 GGCGTGCAGTGTATGATCCAGCAGCCGACCGCTGGGAGCCAGGGCGCCCATGCGTGAGCCCCGCGTG
 CTGCACGCAATGTTGGGCGCTGCTGGCCGATCTATGCCCTAGGTGGCCGATGGACCACGTGGACCCT
 GCTTCGATGTGCTGGCTGTGGAGTACTACGTGCCGGATGCCGACCAGTGGACCAGTGTGACACCCATGCC
 AGCTGGTCACTCGAAGCTGGCTGCTGTCTACTAGAGAGGAAGATCTACATCGTGGTGGCTACAACCTGG
 AGGCTGAACAATGTCACAGGCATCGTTCAGGTGTACAACACTGAGACGGATGAGTGGGAGAGAGACTGCG
 ACTTCCCGAGTCTTTGCAGGCATTGCCTGTGCTGCTGCTGCTGCCCGCTCAGGCCATGGGAGG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209352 representing NM_178771
 Red=Cloning site Green=Tags(s)

MAESGSSGSSQSPERPSSLADRNGALKCTFSAAGHSTGLLQGLAALRAQGQLLDVVLTVNSEAFHAKV
 VLAACSDYFRAMFTGGMREANQAVIQLQVVSARGLRHIIDFAYSAEVTLDLDCVQDVLGAAVFLQMLPVV
 ELCEDFLKAAMSVETCLHIGQMATTFFSLTSLRESVDAFTFRHFLQIAAEEDFLRLPLERLVFFLQSNRLQ
 SCAEIDLFRAAVRWLQHDPARRARASLVLRHVRFPLMQPAELVDSVQTLDVMLDDALCRQYLLEAFSYHV
 LPCRQHDMQSPRTAVRSDVASLVAFGGTPYTDSDRAVSSKVFQLPEPGARHFRELTEMELGC SHAGVAVL
 DNFVYVAGGQHLQHRSGEAVDACYRYDPQRNRWLRRLRESRVQFQLTALGGLLYATGGRNRAGSLAS
 VERYCPRRDSWDFACPLKRRTWGHAGAAAAGRLYISGGYGVSAEDKKALQCYDPAADRWEPRAPMREPRV
 LHAMLGAAGRIYALGGRMDHVDRCFDVLAVEYYVPDADQWTSVTPMRAGQSEAGCCLLERKIYIVGGYNW
 RLNNVTGIVQVYNTETDEWERDLHFPEFAGIACAALLPRSGHGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

ACCN: NM_178771

ORF Size: 1815 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 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).

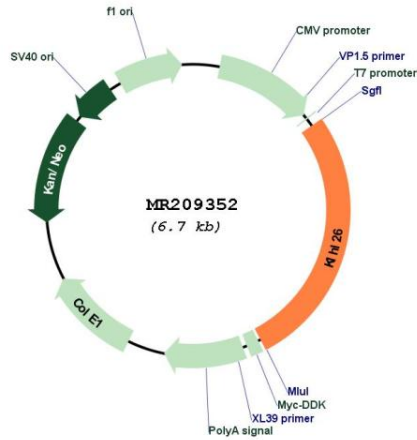
Reconstitution Method:

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
 MW: 67 kDa

Product images:



Circular map for MR209352