

Product datasheet for **MG223257**

Klhl26 (NM_001122830) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl26 (NM_001122830) 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:

>MG223257 representing NM_001122830
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGAGTCCGGTGGCAGCAGCGGCTCTAGTCAGAGCCCCAGCGCCCCGAGCAGGGCCATGTTCACTG
 GCGGCATGCGTGAGGCCAACAGGCTGTATCCAGCTGCAGGGTGTGTCTGCACGTGGCCTGCGTCACAT
 CATCGATTTTGCCTACAGTGCTGAGGTGACACTGGACCTAGACTGTGTGCAGGACGTGCTGGGTGCTGCC
 GTGTTTCTGCAGATGCTGCCGGTGGTGGAGCTGTGCGAGGACTTCTGAAAGCTGCCATGAGCGTAGAGA
 CGTGCCTGCACATTGGCCAGATGGCTACCACCTTCAGCCTGACATCACTGCGTGAGTCAGTAGATGCCTT
 CACATTCGCCACTTCTGCAGATAGCAGCAGAAGAGGACTTTCTGCGCCTGCCACTCGAGCGCCTTGTC
 TTCTTTCTGCAGAGCAACCGGCTGCAGAGCTGCGCCGAGATTGACCTGTTCCGCGCTGCTGTGCGCTGGC
 TGCAGCATGATCCTGCCCGCCGCCCGTCCAGCCTTGTGCTACGCCACGTGCGCTTCCCGCTCATGCA
 ACCTGCTGAAGTGGTGGACAGCGTGCAGACACTCGACGTATGCTCGACGATGCCCTGTGTGCCAGTAC
 CTGCTGGAGGCCCTCAGCTACCAGTGTGCCCTGCCCGCAGCATGACATGCAGTCGCCTCGCACTGCTG
 TGCCTCTGATGTAGCGTCCCTGGTGGCCTTCGGGGGCACACCTTATACCGACAGCGACCGAGCTGTGAG
 CAGCAAGGTGTTCCAGTTACCTGAGCCAGGAGCAGCCACTTCCGCGAGCTCACGGAGATGGAAGTGGGC
 TGTAGCCACGCGGGCGTGGCTGTGCTGGATAAATTCGTGTACGTGGCAGGCGGCCAGCATCTGCAGCACC
 GCAGTGGCGAAGGCGCTGTGGACGCTGCTACCGCTATGATCCACAGCGCAATCGCTGGCTGCGGCTGGC
 AGCACTGCGTGAGAGCCGCGTGCAGTCCAGCTCACTGCAGTGGGAGGGCTGTTGATGCCACCGGTGGC
 CGAAATCGCGGGCAGCCTGGCGTCTGTGGAGCGTACTGCCACGCCGTGACAGCTGGGATTTGCTT
 GCCACTCAAGCGCCGTACCTGGGGCCATGCGGGTCCCGCAGCTGCTGGTGCCTTACATCTCAGGTGG
 TTATGGCGTCTCAGCGGAGGACAAGAAGGCGCTGCAAGTGTATGATCCAGCAGCGACCGCTGGGAGCCC
 AGGGCGCCATGCGTGAGCCCCGCTGCTGCACGCAATGTTGGCGCTGCTGGCCGATCTATGCCCTAG
 GTGGCCGATGGACCAGTGGACCCTGCTTCGATGTGCTGGCTGTGGAGTACTACGTGCCGGATGCCGA
 CCAGTGGACCAGTGTGACACCCATGCGAGCTGGTCACTCGGAAGCTGGCTGCTGCTACTAGAGAGGAAG
 ATCTACATCGTGGGTGGCTACAAGTGGAGGCTGAACAATGTCACAGGCATCGTTCAGGTGTACAACACTG
 AGACGGATGAGTGGGAGAGAGACCTGCACTTCCCCGAGTCTTTGCAGGCATTGCCTGTGCTGCTGCTCT
 GCTGCCCGCTCAGGCCATGGGAGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG223257 representing NM_001122830
 Red=Cloning site Green=Tags(s)

MAESGSSGSSQSPERPSRAMFTGGMREANQAVIQLQGVSAAGLRHIIDFAYSAEVTLDLDCVQDVLGAA
 VFLQMLPVVELCEDFLKAAMSVETCLHIGQMATTFLSLSRESVDAFTFRHFLQIAAEEDFLRPLERLV
 FFLQSNRLQSCAEIDLFRAAVRWLQHPARRARASLVLRHVRFPLMQPAELVDSVQTLVMLDDALCRQY
 LLEAFSYHVLPCRQHMQSPRTAVRSDVASLVAFGGTPYTDSDRAVSSKVFQLPEPGARHFRELTEMELG
 CSHAGVAVLDNFVYVAGGQHLQHRSEGAVDACYRYDPQRNRWLRALRESRVQFQLTALGGLLYATGG
 RNRAGSLASVERYCPRRDSWDFACPLKRRTWGHAGAAAAGRLYISGGYGVSAEDKKALQCYDPAADRWEP
 RAPMREPRVLHAMLGAAGRIYALGGRMDHVDRCFDVLAVEYYVPDADQWTSVTPMRAGQSEAGCCLLERK
 IYIVGGYNWRLNNVTGIVQVYNTETDEWERDLHFPEFAGIACAALLPRSGHGR

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001122830

ORF Size: 1635 bp

OTI Disclaimer: 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_001122830.1](#), [NP_001116302.1](#)

RefSeq Size: 2886 bp

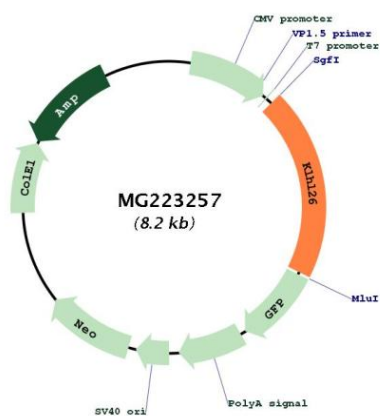
RefSeq ORF: 1638 bp

Locus ID: 234378

UniProt ID: [Q8BGY4](#)

Cytogenetics: 8 B3.3

Product images:



Circular map for MG223257