

Product datasheet for **MR223257**

Klhl26 (NM_001122830) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl26 (NM_001122830) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Klhl26
Synonyms:	C630013N10Rik; Klkl26
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR223257 representing NM_001122830
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGAGTCCGGTGGCAGCAGCGGCTCTAGTCAGAGCCCCAGCGCCCCGAGCAGGGCCATGTTCACTG
 GCGGCATGCGTGAGGCCAACAGGCTGTATCCAGCTGCAGGGTGTGTCTGCACGTGGCCTGCGTCACAT
 CATCGATTTTGCCTACAGTGCTGAGGTGACACTGGACCTAGACTGTGTGCAGGACGTGCTGGGTGCTGCC
 GTGTTTCTGCAGATGCTGCCGGTGGAGCTGTGCGAGGACTTCTGAAAGCTGCCATGAGCGTAGAGA
 CGTGCCTGCACATTGGCCAGATGGCTACCACCTTCAGCCTGACATCACTGCGTGAGTCAGTAGATGCCTT
 CACATTCGCCACTTCTGCAGATAGCAGCAGAAGAGGACTTTCTGCGCCTGCCACTCGAGCGCCTTGTC
 TTCTTTCTGCAGAGCAACCGGCTGCAGAGCTGCGCCGAGATTGACCTGTTCCGCGCTGCTGTGCGCTGGC
 TGCAGCATGATCCTGCCCGCCGCCCGTCCAGCCTTGTGCTACGCCACGTGCGCTTCCGCTCATGCA
 ACCTGCTGAAGTGGTGGACAGCGTGCAGACACTGACGTCATGCTCGACGATGCCCTGTGTGCCAGTAC
 CTGCTGGAGGCCCTCAGCTACCAGTGTGCCCTGCCCGCAGCATGACATGCAGTCGCCTCGCACTGCTG
 TGGCCTCTGATGTAGCGTCCCTGGTGGCCTTCGGGGGCACACCTTATACCGACAGCGACCGAGCTGTGAG
 CAGCAAGGTGTTCCAGTTACCTGAGCCAGGAGCAGCCACTTCCGCGAGCTCACGGAGATGGAAGTGGGC
 TGTAGCCACGCGGGCGTGGCTGTGCTGGATAAATTCGTGTACGTGGCAGGCGGCCAGCATCTGCAGCACC
 GCAGTGGCGAAGGCGCTGTGGACGCTGCTACCGCTATGATCCACAGCGCAATCGCTGGCTGCGGCTGCG
 AGCACTGCGTGAGAGCCGCTGCACTCCAGCTCACTGCACTGGGAGGGCTGTTGATGCCACCGGTGGC
 CGAAATCGCGCGGCAGCCTGGCGTCTGTGGAGCGTACTGCCACGCCGTGACAGCTGGGATTTGCTT
 GCCCACTCAAGCGCCGTACCTGGGGCCATGCGGGTGCCGAGCTGCTGGTGCCTTACATCTCAGGTGG
 TTATGGCGTCTCAGCGGAGGACAAGAAGGCGCTGCAAGTGTATGATCCAGCAGCGACCGCTGGGAGCCC
 AGGGCGCCATGCGTGAGCCCGCGTGTGTCACGCAATGTTGGCGCTGCTGGCCGATCTATGCCCTAG
 GTGGCCGATGGACCAGTGGACCGCTGCTTCGATGTGCTGGCTGTGGAGTACTACGTGCCGGATGCCGA
 CCAGTGGACAGTGTGACACCCATGCGAGCTGGTCACTCGGAAGCTGGCTGCTGCTACTAGAGAGGAAG
 ATCTACATCGTGGGTGGCTACAAGTGGAGGCTGAACAATGTCACAGGCATCGTTCAGGTGTACAACACTG
 AGACGGATGAGTGGGAGAGACCTGCCTTCCCCGAGTCTTTGCAGGCATTGCTGTGCTGCTGTCTCT
 GCTGCCCGCTCAGGCCATGGGAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR223257 representing NM_001122830
 Red=Cloning site Green=Tags(s)

MAESGSSGSSQSPERPSTRAMFTGGMREANQAVIQLQGVSAARLRHIIDFAYSAEVTLDLDCVQDVLGAA
 VFLQMLPVVLCEDFLKAAMSVETCLHIGQMATTFFSLTSLRESVDAFTFRHFLQIAAEEDFLRPLERLV
 FFLQSNRLQSACAEIDL FRAAVRWLQHDPARRARASL VLRHVRFPLMQPAELVDSVQTL DVMLDDALCRQY
 LLEAFSYHVLPCRQHDMSQPRTA VRSDVASL VAFGGTPYTDSDRAVSSKVFQLPEPGARHFRELTEMELG
 CSHAGVAVLDFVYVAGGQHLQHRSGEAVDACYRYDPQRNRWLRRLRALRESRVQFQLTALGGLLYATGG
 RNRAGSLASVERYCPRRDSWDFACPLKRRTWGHAGAAAAGRLYISGGYGVSAEDKALQCYDPAADRWEP
 RAPMREPRVLHAMLGAAGRIYALGGRMDHVDRCFDVLAVEYYVPDADQWTSVTPMRAGQSEAGCCLLERK
 IYIVGGYNWRLNNTGIVQVYNTETDEWERDLHFPEFAGIACAALLPRSGHGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

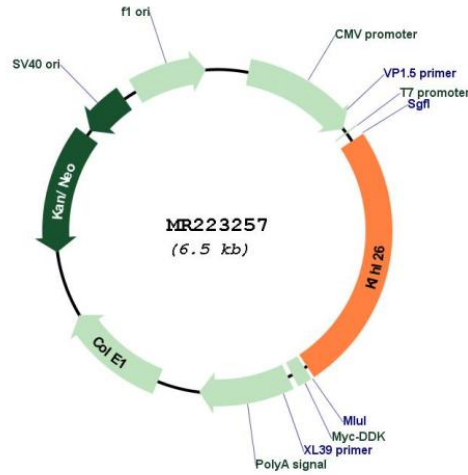
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



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:	<ol style="list-style-type: none">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
MW:	61.2 kDa