

Product datasheet for **RG205222**

KLHL26 (NM_018316) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHL26 (NM_018316) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	KLHL26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG205222 representing NM_018316
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGAGTCCGGCGGTAGCAGCGGTGGTGTGGTGGCGGCGCGCTTTTCGGCGGGGCCCGGCCCG
 AGCGCCGAACAGCACGGCCGACAAGAACGGGGCCCTCAAGTGACCTTCTCGGCACCCAGCCACAGCAC
 CAGCCTCTGCAGGGCCTGGCCACCCTCCGCGCTCAGGGCCAGCTCCTCGATGTTGTGCTGACTATTAAC
 AGAGAGGCCTTTCTGCACACAAGGTCTGCTGGCTGCCTGCAGCGACTACTTCAGGGCCATGTTACCG
 GCGGCATGCGGGAGGCAAGCCAGGACGTCATCGAGCTGAAGGGCGTGTGGCCCGTGGCCTGCGGCACAT
 CATCGACTTCGCCTACAGCGCCGAGGTGACACTGGACCTGGACTGCGTGCAGGACGTGCTGGGCGCGGCC
 GTGTTCTTGAGATGCTGCCCGTGGTGGAGCTGTGCGAGGAGTTCCTGAAGGCGGCCATGAGCGTGGAGA
 CCTGCCTCAACATCGGCCAGATGGCCACCACCTTCAGCCTGGCCTCGCTGCGAGAGTCGGTGGATGCCTT
 CACCTTCGGCACTTCTGCAGATCGCCGAGGAGGAGGATTTCTGCGCCTGCCACTGGAGCGCCTGGTC
 TTCTTCTGCAGAGCAACCGGCTGCAGAGCTGTGCCGAGATCGACCTGTTCCGCGCGGCCGTCGCTGGC
 TGCAGCATGACCCGGCCCGGCGGCCGCGCCAGCCACGTGCTCTGCCACATTGCTTCCCGCTCATGCA
 GTCGTCCGAGCTGGTGGACAGCGTGCAGACGCTGGACATCATGGTGGAGGACGTGCTGTGCCGCCAGTAT
 CTGCTGGAGGCCCTTAACTACCAGGTGCTGCCCTTCCGGCAGCAGAGATGCAGTCTCCGCGCACTGCCG
 TGCGCTCGGATGTGCCCTCGCTCGTCACCTTCGGCGGCACGCCCTACACCGACAGCGACCGCTCGGTGAG
 CAGCAAGGTCTACCAGTGCCTGAGCCGGGAGCCCGCCACTTCCGCGAGCTCAGGAGATGGAGGTAGGC
 TGCAGCCACACGTGCGTGGCCGTGCTGGACAATTTGTGTACGTGGCCGGGGGGCAGCACCTGCAGTACC
 GCAGCGGCGAGGGCGCAGTGGACGCTGCTACCGCTACGACCCCACTGAATCGCTGGCTGCGCCTGCA
 GGCCATGCAGGAAGCCGCATCCAGTTCAGCTGAACGTGCTGTGCGGCATGGTGTACGCCACGGGCGGC
 CGCAACCGAGCCGCGCAGCTGGCCTCCGTGGAGCGGTACTGCCCCGGCGCAATGAGTGGGGCTACGCT
 GCTCGTGAAGCGCCGTACCTGGGGCCATGCTGGGGCCGCTCAGGGGGCCGCTCTACATCTCGGGTGG
 CTACGGGATCTCAGTGGAGGACAAGAAGGCCCTGCACTGCTACGACCCCGTGGCCGACAGTGGGAGTTC
 AAGGCGCCCATGAGCGAACCCCGCGTGTACACGCCATGGTGGGTGCCGGCGGCCGATCTATGCCCTCG
 GGGGCCGATGGACCACGTGGACCGCTGCTTCGACGTGCTGGCTGTGGAGTACTATGTGCCGGAGACGGA
 CCAGTGGACCAGCATGAGCCCCATGCGGGCCGGCCAGTCAGAGGCCGGCTGCTGCTGCTGGAGAGGAAG
 ATCTACATCGTGGGGGCTACAACCTGGCGTCTCAACAACGTACGCGGCATCGTACAGGTGTACAACACGG
 ACACCGACGAGTGGGAGCGGGACCTGCACCTCCCGGAGTCCTTCGAGGCATAGCCTGCGCCCCGTCCT
 GCTGCCCCGGGCCGGGACCAGGAGG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG205222 representing NM_018316
 Red=Cloning site Green=Tags(s)

MAESGSSGGAGGGGAFGAGPGPERPNSTADKNGALKCTFSAPSHSTSLQGLATLRAQGQLLDVLTIN
 REAFPAHKVVLAAACSDYFRAMFTGGMREASQDVIELKGVSARGLRHIIDFAYSAEVTLDCVQDVLGAA
 VFLQMLPVVELCEEFLKAAMSVETCLNIGQMATTFLASLRESVDAFTFRHFLQIAEEEDFLRLPLERLV
 FFLQSNRLQSCEIDLFRAAVRWLQHDPARRPRASHVLCHIRFPLMQSSELVDSVQTLDIMVEDVLCRQY
 LLEAFNYQVLPFRQHEMQSPRTAVRSDVPSLVTFGGTPYTDSDRSVSSKVYQLPEPGARHFRELTEMEVG
 CSHTCVAVLDNFVYVAGGQHLQYRSGEGAVDACRYDPLNRWLRQLAMQESRIQFQLNLVLCGMVYATGG
 RNRAGSLASVERYCPRRNEWGYACSLKRRTWGHAGAASGGRLYISGGYISVEDKKALHCYDPVADQWEF
 KAPMSEPRVLHAMVGAGGRIYALGGRMDHVDRCFDVLAVEYYVPETDQWTSMSPMRAGQSEAGCCLLERK
 IYIVGGYNWRLNNVTGIQVYNTDDEWERDLHFPEFAGIACAPVLLPRAGTRR

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_018316

ORF Size: 1845 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_018316.1](#), [NP_060786.1](#)

RefSeq Size: 3122 bp

RefSeq ORF: 1848 bp

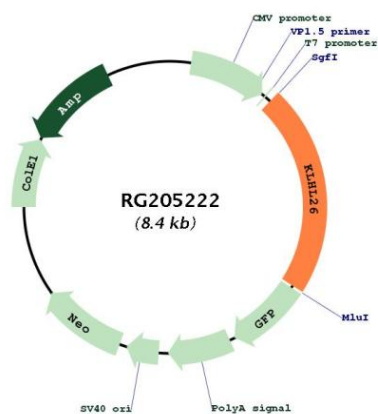
Locus ID: 55295

UniProt ID: [Q53HC5](#)

Cytogenetics: 19p13.11

Domains: BTB, Kelch

Product images:



Circular map for RG205222