

Product datasheet for **RG238986**

KLHL32 (NM_001286250) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHL32 (NM_001286250) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	KLHL32
Synonyms:	BKLHD5; dJ21F7.1; KIAA1900; UG0030H05
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG238986 representing NM_001286250.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCGTCTGAACGCTGCCTCAGTATTCAAGAAATGCTGACAGGCCAGAGGCTCTGCCACTCCGAATCT
CACAAATGACAGTGTCTGGCAGCGCTGAATCAGCAGAGGAGTGATGGCATCCTCTGCGACATCACCCCTG
ATTGCTGAGGAACAGAAATTCATGCTCACAAGGCAGTCCTAGCAGCATGCACTGACTATTTCCGGATT
TTGCTGGAGCCAGGTGTGATCCAGGATGTGCTAGCAGCGGGCAGTCACCTACAGCTGTTGGAGCTTCTC
AATTTATGCTCCCACTATCTCATCCAGGAATTAATAGCTTTAATTACTTGGATCTGTACAGACTTGCT
GACCTCTTTAACCTCACTTTGTTGGAGAAGGCAGTGATCGATTTCTTAGTGAAACATCTCTGAACTC
CTGAAGAGCCGCCAGAAGAAGTTCTAACGCTTCCCTATTGCCTGCTTCAGGAGGTGCTGAAGAGCGAC
CGCCTGACCTCCCTGAGTGAAGAGCAGATCTGGCAGCTAGCTGTGAGGTGGTTGGAACACAACCTGCCAC
TACCAGTACATGGACGAGCTCCTGCAATACATCCGCTTTGGCCTAATGGATGTGGATACTCTCCATACA
GTTGCCCTGTCCCACCCCTTGTCCAAGCAAGTGAGACTGCAACAGCCCTTGTCAACGAGGCCCTGGAA
TACCACCAGAGCATCTATGCACAGCCTGTCTGGCAGACTCGCAGGACCAACCACGATTCCAGTCAGAC
ACTCTGTATATCATTGGTGGGAAAAAGCGCGAGGTCTGCAAGGTCAAGGAACTTCGGTACTTCAATCCT
GTTGATCAGGAGAATGCTCTCATAGCTGCCATTGCCAACTGGAGTGAGCTGGCTCCCATGCCTGTGGGA
AGGAGCCACCAATTGTGTGGCAGTCATGGGGACTTCTGTTTGTGGCAGGAGGGGAAGTTGAGCATGCC
AGTGGCCGGACGTGTGCTGTGAGGACTGCCTGTGCTATGACCCCGCAGTAATTCCTGGGCAGAGATA
GCACCCATGAAAACTGCCGGGAGCATTGTGCTGGGTGCCATGGAGGAATACCTCTATGCAGTTGGG
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TTTGTTCAGTCCTTTACAGATCCCTTTCATGCCATGCTGGATATGTGGCTGATGGTCTTCTTTGGATA
TCAGGTGGAGTAACTAATACGGCACAATATCAGAACAGGCTAATGGTGTATGAACCTAACCCAGAATAAG
TGGATAAGCCGTAGCCCATGCTGCAGAGAAGGGTCTACCATTCCATGGCTGCTGTACAAAAGGAAGCTT
TATGTTCTTGAGGCAATGACCTAGACTACAATAATGACCGGATCCTTGTGCGCCATATAGATTCTTAC
AACATAGACACTGACCAGTGGACACGTTGTAATTTCAACCTGCTGACTGGCCAAAATGAATCTGGAGTT
GCTGTCCATAATGGGAGAATATATTTAGTTGGTGGATTTCAATTTGGACAAATGAGCCTCTGGCTTGT
ATCCAGGTAAGCAGAGAAGGCAAGAAGAAGTATTCTATGGGCCTACTCCCTTTTGT
TCCAATGGAATAGCAGCATGCTTCTTCCAGCTCCATATTTACATGCCCTAACCTCAAACCTCTTCAA
GTGCCATCACAGGATTGGCACCATC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238986
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MPSERCLSIQEMLTGQRLCHSESHNDSVLAALNQQRSDGILCDITLIAEEQKFHAKHAKVLAACSDYFRI
LLEPGVIQDVLAAAGSHLQLELLNLCSHYLIQELNSFNLDLYRLADLFNLTLLEKAVIDFLVKHLSL
LKSRPEEVLTLPYCLLQEVKSDRLTSLSEEQIWQLAVRWLEHNCHYQYMDPELLQYIRFGLMDVDTLHT
VALSHPLVQASETATALVNEALEYHQSIYAQPVWQTRRTKPRFQSDTYIIGGKKREVCKVKELRYFNP
VDQENALIAAIANWSELAPMPVGRSHHCVAVMGDFLFVAGGEVEHASGRTCAVRTACRYDPRSNSWAEI
APMKNCREHFVLGAMEEYLAVGGRNELRQVLPTVERYCPKKNKWFVQSFDRSLSCHAGYVADGLLWI
SGGVNTAQYQNRMLVYEPNQNKWISRSPMLQRRVYHSMVAQVQRKLYVLGGNDLDYNDRILVRHIDSY
NIDTDQWTRCNFLLTGQNESGVAVHNGRIYLVGGYSIWTNEPLACIQVLDVSREGKEEVFYGPLPFA
SNGIAACFLPAPYFTCPNLQTLQVPHRIGTI
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIIRSNAVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001286250

ORF Size: 1752 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).

RefSeq: [NM_001286250.1](#), [NP_001273179.1](#)

RefSeq Size: 3699 bp

RefSeq ORF: 1755 bp

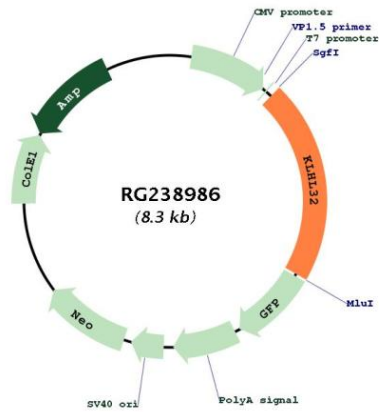
Locus ID: 114792

UniProt ID: [Q96NJ5](#)

Cytogenetics: 6q16.1

MW: 67 kDa

Product images:



Circular map for RG238986