

Product datasheet for **RG238418**

KLHL32 (NM_001286252) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHL32 (NM_001286252) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	KLHL32
Synonyms:	BKLDH5; dJ21F7.1; KIAA1900; UG0030H05
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238418 representing NM_001286252. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCGCTGAACGCTGCCTCAGTATTCAGAAATGCTGACAGGCCAGAGGCTCTGCCACTCCGAATCT
CACAATGACAGTGTCTGGCAGCGCTGAATCAGCAGAGGAGTGATGGCATCCTCTGCGACATCACCTG
ATTGCTGAGGAACAGAAATTCATGCTCACAAGGCAGTCTAGCAGCATGCAGTGACTATTTCCGGGCA
ATGTTTCAGTCTTTGTATGGTGGAAAGTGGAGCTGATGAGGTTAATTTGCACGGTGTGACCAGCCTGGC
TTAAAGCAGGCTCTGGAGTTGCATACACAGGACAGATTTGCTGGAGCCAGGTGTGATCCAGGATGTG
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TTAAATAGCTTTAATACTTGGATCTGTACAGACTTGCTGACCTTTAACCTCACTTTGTTGGAGAAG
GCAGTGATCGATTTCTTAGTGAACATCTCTGAACTCCTGAAGAGCCGCCAGAGAAGTTCTAACG
CTTCCCTATTGCCTGCTCAGGAGGTGCTGAAGAGCGACCCGCTGACCTCCCTGAGTGAAGAGCAGATC
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ACAGTTGAGCGATATTGCCCAAGAAGAACAATGGACTTTTGTTCAGTCTTTGACAGATCCCTTTCA
TGCCATGCTGGATATGTGGCTGATGGTCTTCTTTGGATATCAGGTAGAACATACCTCATGTTGGATTTA
TCAAAACACACTTTCATTGTGGTATATATT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG238418
 Blue=ORF Red=Cloning site Green=Tag(s)

MPSEKCLSIQEMLTGQRLCHSESHNDSVLAALNQQRSDGILCDITLIAEEQKFHAHKAVLAACSDYFRA
 MFSCLMVEGADENVLHGVTSLGLKQALEFAYTGQILLEPGVIQDVLVLAAGSHLQLELLNLCSHYLIQE
 LNSFNLYLDLYRLADLFNLTLLEKAVIDFLVKHLSSELLKSRPEEVLTPYCLLQEVKSDRLTSLSEEQI
 WQLAVRWLEHNCHYQYMDLELLQYIRFGLMDVDTLHTVALSHPLVQASETATALVNEALEYHQSIYAQPV
 WQTRRTKPRFQSDTLTYIIGGKKREVCKVKELRYFNPVDQENALIAAIANWSELAPMPVGRSHHCVAVMG
 DFLFVAGGEVEHASGRTCAVRTACRYDPRNSWAEIAPMKNCREHFVLGAMEEYLYAVGGRNELRQVLP
 TVERYCPKKNKWFVQSFDRSLSCHAGYVADGLLWISGRTYLMLDLKHTFIVVYI
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286252

ORF Size: 1410 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](#)

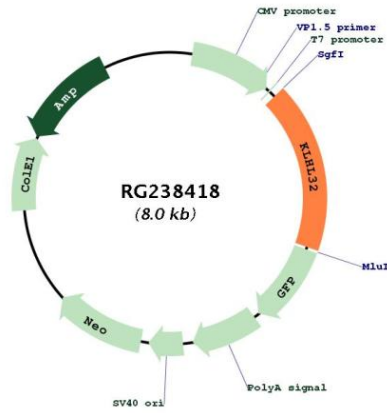
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001286252.2](#)

RefSeq Size: 2071 bp
 RefSeq ORF: 1413 bp
 Locus ID: 114792
 Cytogenetics: 6q16.1
 MW: 53.9 kDa

Product images:



Circular map for RG238418