

Product datasheet for **SC314308**

KLHL17 (NM_198317) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHL17 (NM_198317) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLHL17
Synonyms:	AF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC314308 representing NM_198317.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCAGCCCCGAGCGAGCGCCCGGCCGAGGACGACGAGCCCGGAGCAGCGCAGCCCGGGGCCGGG
CCCGAGGCGCGCGCCCTCCACCGCCGAGCCCGGCCCGGAGGAGCGCAGCGCGCCCGGCAG
GCTCGGCCCGCAGCCCCCATGGAGGGAGCGGTGCAGCTGCTGAGCCGCGAGGGCCACAGCGTGGCCAC
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GACATCGTCTGCACGTGGCTGCCAAGGAGATCCGTGCGCACAAGTGGTGTGGCTCTCTGCAGCCCC
TACTTCCACGCCATGTTCAAAATGAGATGAGCGAGAGCGCCAGACCCACGTGACGCTGCACGACATC
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GACCTGCTCAAGGCCGCCACAGGTACGTGCTGCAGCACTTCGTGGACGTGGCCAAGACCGAGGAGTTT
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CCGAGGACCAACAAGTGGGTGGCGCATCTGCATGTTACCCGCGCAGCAGTGTGGGTGTGGCGGTG
CTGGAGCTGCTCAATTTCCCGCCGCCATCTCCCGACGCTGTCCGTGTCTCCACGAGCCTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_198317

Insert Size: 1929 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_198317.2

RefSeq Size: 2581 bp

RefSeq ORF: 1929 bp

Locus ID: 339451

UniProt ID: Q6TDP4

Cytogenetics: 1p36.33

MW: 69.9 kDa

Gene Summary: The protein encoded by this gene is expressed in neurons of most regions of the brain. It contains an N-terminal BTB domain, which mediates dimerization of the protein, and a C-terminal Kelch domain, which mediates binding to F-actin. This protein may play a key role in the regulation of actin-based neuronal function. [provided by RefSeq, Aug 2010]