

Product datasheet for **SC337019**

KLHL8 (NM_001292003) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: KLHL8

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF: >SC337019 representing NM_001292003.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCTTCAGATTCTATGAGTAGTAAACAAGCTAGGAATCACATTACAAAGGGGAAAAGGCAACAACAG
CACCAGCAAATAAAGAACAGATCCTCAATTAGTGATGGTGATGGAGAAGATTCCTTTATTTTGAAGCA
AATGAAGCTTGAAAGATTTTCATGGTTCTCTTCTCGATTTTATGAAAAATGGAGAAGCTCTGTGATGTC
ACACTCAAGGTTGGCTCAAAGCTAATCTCTTGTCACAAGCTGGTATTGGCTTGTTATTCCTACTTT
AGAGCCATGTTTCTTTGAAATGGCTGAAGCCAAGCAACGCTGATTGAGATTAGAGATTTTGATGGT
GATGCAATAGAAGACTTGGTAAAGTTTGCTATTCTTCACGGCTCACTTTGACTGTTGACAAATGCCAG
CCTCTCTTATATGCAGCCTGTATTCTGCAGGTTGAACTGGTGGCTAGAGCTTGTTGTGAATACATGAAG
TTACATTTTCATCCTCCAATTGCCTGGCAGTAAGAGCCTTTGCAGAAAGTCACAATCGAATAGACTTA
ATGGACATGGCGGATCAGTATGCCTGTGACCATTTTACTGAAGTAGTGGAGTGTGAAGACTTTGTAAGT
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TATAATGCTGCCATCAAGTGGCTTCTTGCCAATCCTCAGCATCATTCCAAATGGTTGGATGAAACACTT
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AAGCAAAATCTAAAATGTAGAGATTACTGGATGAAGCAAGAAATACCACCTCACTTGAGTAGCAGA
GCAGTACCTGACTTTGAATACTCCATTGCGACTACCCAAGGAAGCATACTGCTGGTGTGCTGTTTTGT
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AAATGGATGATGAAGGCATCAATGAACACAAGAGGCGAGGAATTGCCTTGGCTTCCTTAGGAGGCCCA
ATTTATGCAATTGGAGGGTTAGATGACAATACTTGCTTCAATGATGTGGAGAGATATGACATAGAATCT
GATCAGTGGAGTACAGTGGCACCATAAATACTCCCGTGGAGGAGTTGGCTCTGTTGCTCTAGTAAAC
CATGTTTATGCAGTAGGTGGCAATGATGGAATGGCTTCTTTATCTAGCGTGGAGAGATATGATCCACAT
CTGGATAAGTGGATAGAAGTTAAAGAAATGGGTGAGCAAGAGCAGGCAATGGAGTTAGCAAGCTTCAT
GGTTGCTTATACGTAGTTGGTGGTTTTGATGATAATTCTCCTCTGAGTTGAGTGGAGGATGACCCC
CGAAGCAACAAGTGGGATTATGTGGCAGCACTTACTACTCCAGAGGTGGAGTGGGAATCGCAACAGTG
ATGGGCAAAATCTTTGAGTGGTGGTCATAATGGCAATGCATACTTAAATACAGTAGAAGCGTTTGTG
CCAGTGCTGAATAGGTGGGAGCTTGTGGATCTGTGTCTCACTGCAGAGCTGGAGCAGGAGTAGCTGTG
TGTTCTGTTTAACTAGCCAAATTCGAGATGATGGTCATGGATCCAATAATGTGGTTGACTGTATGTGA
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Restriction Sites: SgfI-MluI

ACCN: NM_001292003



Insert Size:	1863 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001292003.1
RefSeq Size:	5680 bp
RefSeq ORF:	1863 bp
Locus ID:	57563
UniProt ID:	Q9P2G9
Cytogenetics:	4q22.1
MW:	68.8 kDa
Gene Summary:	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex required for The BCR(KLHL8) ubiquitin ligase complex mediates ubiquitination and degradation of RAPSN. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Variants 1 and 2 encode the same isoform (1).