

Product datasheet for **SC313316**

KLHL24 (AK026326) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHL24 (AK026326) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLHL24
Synonyms:	DRE1; KRIP6
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for AK026326, the custom clone sequence may differ by one or more nucleotides <pre> ATGGTACTAATATTGGGACGCAGACTAAACAGAGAGGATCTTGGGGTGCCTGATTCCCCA GCAACTAAGCGAAAAGTTTTTGAATGGACCCCAAATCTCTGACAGGTCATGAGTTTTTT GACTTCTCTTCAGGATCATCCCATGCCGAAAACATACTCCAGATATTTAATGAATTTCTG GATAGCCGCTTATTCACAGATGTTATCATTGTGTGGAAGGAAAAGAATTTCTTGCCAT AGAGCTGTGCTCTCAGCCTGTAGCAGCTACTTCAGAGCTATGTTTTGTAATGACCACAGG GAAAGCCGAGAAATGTTGGTTGAGATCAATGGTATTTTAGCTGAAGCTATGGAATGTTTT TTGCAGTATGTTTATACTGGAAAGGTGAAGATCACTACAGAGAATGTACAGTATCTCTTT GAGACATCAAGCCTCTTTAGATTAGTGTCTCCGTGATGCATGTGCCAAGTTCTTGAG GAGCAACTTGATCCTTGAATTGCTTAGGAATCCAGCGCTTTGCTGATACCCATTCACTC AAAACACTCTTCACAAAATGCAAAATTTTGCCTTACAGACTTTTGAGGATGTATCCAG CACGAAGAATTTCTTGAGCTTGACAAAGATGAACCTTTATGTTGTCGGTGGCTATGATGG CAAAACAGACTTAGCAGCGTAGAATGTTATGATTCCTTTTCAAATCGATGGACTGAAGTT GCTCCCTTAAGGAAGCCGTGAGTTCTCCTGCAGTGACTAGCTGTGTAGGCAAACTGTTT GTGATTGGTGGAGACCTGATGATAACTTGTCTGATAAGGTTCAATCTTATGATCCA GAAACCAATTCTTGGCTACTTCGTGCAGCTATCCCAATTGCCAAAAGGTGTATAACAGCT GTATCCCTAAACAACCTGATCTATGTTGCCGGTGGACTGACCAAGCAATATGCTGTTAC GATCCAGTTGAAGATTACTGGATGCACGTACAGAATACATTAGCCGTCAGGAAAAGTGT GGTATGTCTGTGTGAATGGTAAATATATATCCTGGGCGGAAGACGGGAAAATGGAGAA GCCACAGACACTATTCTGTATGATCCTGCAACAAGTATCATCACAGGGGTAGCTGCA ATGCCAGGCCAGTGTCTATCATGGCTGTGTGACTATTCATAGATACAATGAGAAATGC TTTAAACTC </pre>
Restriction Sites:	Please inquire
ACCN:	AK026326
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).



[View online »](#)

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:	AK026326.1 , BAB15447.1
RefSeq Size:	1706 bp
RefSeq ORF:	1212 bp
Locus ID:	54800
Cytogenetics:	3q27.1
Domains:	BTB, Kelch
Gene Summary:	The protein encoded by this gene is a ubiquitin ligase substrate receptor and is regulated by autoubiquitination. Variations in the translation initiation codon of this gene have been found, which result in an N-terminally truncated but more stable protein due to loss of the autoubiquitination function. The more stable mutant protein causes an increased ubiquitin and degradation of keratin 14, which leads to skin fragility and the potentially life-threatening disease epidermolysis bullosa. The encoded protein is also involved in the regulation of kainate receptors. [provided by RefSeq, Mar 2017]