

Product datasheet for **RC221144**

KLHL24 (NM_017644) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHL24 (NM_017644) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KLHL24
Synonyms:	DRE1; EBSSH; KRIP6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC221144 representing NM_017644
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTACTAATATTGGGACGCAGACTAAACAGAGAGGATCTTGGGGTGCCTGATTCCCCAGCAACTAAGC
 GAAAAGTTTTTGAATGGACCCCAATCTCTGACAGGTCATGAGTTTTTTGACTTCTTTCAGGATCATC
 CCATGCCGAAAACATACTCCAGATATTTAATGAATTCGTGATAGCCGCTTATTCACAGATGTTATCATT
 TGTGTGGAAGGAAAAGAATTTCTTGCATAGAGCTGTGCTCTCAGCCTGTAGCAGCTACTTCAGAGCTA
 TGTTTTGAATGACCACAGGAAAGCCGAGAAATGTTGGTTGAGATCAATGGTATTTTAGCTGAAGCTAT
 GGAATGTTTTTGCAGTATGTTTATACTGGAAAGGTGAAGATCACTACAGAGAATGTACAGTATCTCTTT
 GAGACATCAAGCCTCTTTCAGATTAGTGTCTCCGTGATGCATGTCCAAGTCTTGAGGAGCAACTTG
 ATCCTTGAATTGCTTAGGAATCCAGCGCTTGTCTGATACCCATTCACTCAAACACTCTTCACAAAATG
 CAAAAATTTGCGTTACAGACTTTTGGAGTGTATCCAGCACGAAGAATTTCTTGAGCTTGACAAAAGAT
 GAATTATTGATTATATTGTAGTGATGAACTTGTATTGGTAAAGAGGAGATGGTTTTTGAAGCCGTCA
 TGCGTTGGGTCTATCGTGCCGTTGATCTGAGAAGACCACTGTTACACGAGCTCCTGACACATGTGAGACT
 CCCTCTGTTGCATCCCACTACTTTGTTCAAACAGTTGAAGTGGACCAATTGATCCAGAATTCTCCTGAG
 TGTTATCAGTTGTTGCATGAAGCAAGACGGTACCACATACTTGGGAATGAAATGATGTCCCAAGGACTA
 GGCCACGCAGGTCCTACTGGCTATTCTGAGGTGATAGTTGTCGTTGGAGGATGTGAGCGAGTTGGAGGATT
 TAATCTCCATACACTGAGTGCTACGATCCTGTAAACAGGAGAATGGAAGTCTTTGGCTAAGCTTCCAGAA
 TTTACAAATCAGAGTATGCAGTCTGTGCTCTAAGGAATGACATCTTGTTCAGGTGGAAGAATCAACA
 GCCGTGATGCTGGATTATAACTCACAGTTAAATATTTGGATCAGAGTTGCCTCTCTCAATAAAGGCAG
 ATGGCGTCACAAAATGGCTGTCCCTCTTGGTAAAGTATATGTTGTCGGTGGCTATGATGGGCAAAACAGA
 CTTAGCAGCGTAGAATGTTATGATTCTTTTTCAAATCGATGGACTGAAGTTGCTCCCTTAAAGGAAGCCG
 TGAGTTCTCCTGCAGTGACTAGCTGTGAGGCAAAGTGTGATTGGTGGAGGACCTGATGATAATAC
 TTGTTCTGATAAGGTTCAATCTTATGATCCAGAAACCAATTCTTGGCTACTTCGTGCAGCTATCCCAATT
 GCCAAAAGGTGTATAACAGCTGTATCCCTAAACAACCTGATCTATGTTGCCGGTGGACTGACCAAGGCAA
 TATACTGTTACGATCCAGTTGAAGATTACTGGATGCACGTACAGAATACATTAGCCGTCAGGAAAAGT
 TGGTATGCTGTGTGTAATGGTAAAATATATCTGGGGGAAAGACGGGAAAATGGAGAAGCCACAGAC
 ACTATTCTCTGTTATGATCCTGCAACAAGTATCATCACAGGGGTAGCTGCAATGCCAGGCCAGTGTCT
 ATCATGGCTGTGACTATTCATAGATACAATGAGAAATGCTTTAAACTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221144 representing NM_017644
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MVLILGRRLNREDLGVRDSPATKRKVFEMDPKSLTGHEFFDFSSGSSHAENILQIFNEFRDSRLFTDVII
 CVEGKEFPCHRAVL SACSSYFRAMFCNDHRESREMLVEINGILAEAMECF LQYVYTGKVKITTENVQYLF
 ETSSLFQISVLRDACAFL EEQLDPCNCLGIQRFADTHSLKTLFTKCNFALQTFEDVSQHEEFLELDKD
 ELIDYICSDDEL VIGKEEMVFEAVMRWVYRAVDLRRPLLHELL THVRLPLLHPNYFVQTVEVDQLIQNSPE
 CYQLLHEARRYHILGNEMMSPRTRPRRSTGYSEIVVVGGCERVGGFNL PYTECYDPVTGEWKSLAKLPE
 FTKSEYAVCALRNDILVSGGRINSRDVWIYNSQLNIWIRVASLNKGRWRHKMAVLLGKVYVGGYDQNR
 LSSVECYSFSNRWTEVAPLKEAVSSPAVTSVGVKLFVIGGGPDDNTCSDKVQSYDPETNSWLLRAAPI
 AKRCITAVSLNLIYVAGGLTKAIYCYDPVEDYWMHVQNTFSRQENCGMSVCNGKIYILGRRRENGEATD
 TILCYDPATSIITGVAAMPRPVSYHGCVTIHRYNEKCFKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8102_d12.zip

UniProt ID: [Q6TFL4](#)

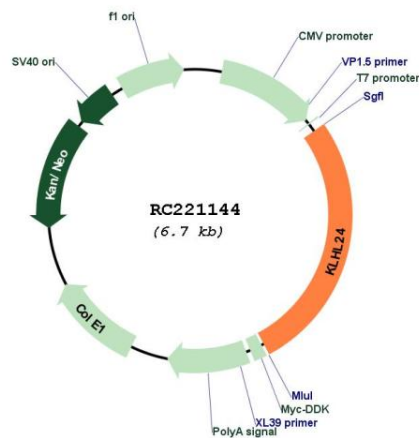
Cytogenetics: 3q27.1

Domains: Kelch

MW: 68.4 kDa

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]

Product images:



Circular map for RC221144