

Product datasheet for **RN214268**

Klhl12 (NM_153730) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl12 (NM_153730) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Klhl12
Synonyms:	C3ip1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214268 representing NM_153730
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCGGCATTATGGCCCTAAAGACATAATGACAAATACTCACGCCAAGTCCATCCTCAACTCAATGA
 ACTCCCTCAGGAAGAGCAATACCCTCTGTGACGTGACCTTGAGAGTGGAGCAGAAAGACTCCCTGCCCA
 CCGGATTGTGCTGGCTGCCTGCAGCGATTATTTCTGTGCCATGTTCACTAGTGAGCTTTCAGAGAAGGGG
 AAGCCATATGTTGACATCAAGTTTAACTGCTTCTACAATGAAATCCTGTTGGACTTCGTGTATACAG
 AAACAGTACATGTGACAGTGGAGAATGTTCAAGAAGTCTCCCTGCAGCCTGTCTTCTCCAGTTGAAAGG
 TGTAACAACAGCCTGCTGTGAGTTCTTAGAAAGTCAGTTGGATCCATCTAATTGCCTGGGTATCAGGGAT
 TTTGCTGAAACTACAATTGCGTTGACCTGATGCAAGCAGCTGAGGTTTTAGCCAGAAGCATTTCCTG
 AAGTGGTACAGCACGAAGAGTTCATTCTTCTGAGTCAAGGAGAGGTGGAGAAGCTAATCAAGTGCATGA
 GATTCAGGTGGATTCTGAAGAGCCAGTCTTTGAGGCTGTCATCAACTGGGTGAAGCATGCCAAGAAGGAG
 CGAGAGGAGTCTTTCGCTGACCTCCTGCAGTATGTTCCGATGCCCTGCTGACCCCTAGGTACATTACAG
 ATGTGATTGATGCTGAGCCTTTATCCGCTGTAGTTTACAGTGCAGGGACCTAGTTGATGAAGCCAGAA
 GTTTCACCTGAGGCTGAAGTTCGGAGTCAAGTCAAGGACCCAGGACAAGAGCCCGACTAGGAGCCAAT
 GAAGTGCCTTCTGGTGGTTGGGGCTTCGGAAGCCAGCAGTCTCCTATTGATGTGGTAGAGAAATATGACC
 CCAAGACACAGGAGTGGAGCTTTTTGCCAAGTATCACTCGCAAGAGACGGTATGTGGCCTCGGTTTCCTT
 ACATGATCGGATCTATGTGATTGGTGGCTATGATGGCCGTTCCCGCTCAGTTCAGTGGAGTGTCTAGAC
 TACACAGCAGATGAAGACGGAGTGTGGTACTCTGTGGCCCTATGAATGTGGCGGAGGCCTTCTGGAG
 CCACCACACTGGGAGATATGATTTACGTTTCTGGAGGCTTTGATGGAAGCAGGCCTACACAAGTATGGA
 CGGTATGACCCAAACATTGACCAGTGGAGTATGCTGGGAGATATGCAGACAGCTCGAGAGGGCGCGGGA
 CTAGTGGTGGCCAGCGGCATAATCTACTGTCTAGGAGGATATGATGGCTTGAATATATTAATTCAGTTG
 AGAAATATGATCCCATACAGGACACTGGACTAATGTTACGCCTATGGCCACCAAGCGTTCTGGTCTGG
 AGTAGCCCTACTGAATGACCATATTTATGTGGTGGGAGGGTTCGATGGTACAGCCACCTTTCTTCTGTT
 GAAGCTTATAACATTCGCACGGATTCTGGACAAGTGTACAAGTATGACCACACCAGTGTATGTAG
 GGGCCACAGTGTTCGAGGGAGACTCTATGCAATCGCAGGATACGATGGGAATTCCTGCTGAGCAGCAT
 TGAGTGTATGACCCTATCATCGACAGCTGGGAAGTAGGCCTCCATGGGAACCCAGCGTTGTGACGCT
 GGTGTGTGTCTCCGAGAAAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_153730
- Insert Size:** 1707 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.

RefSeq: [NM_153730.2](#), [NP_714952.1](#)

RefSeq Size: 1921 bp

RefSeq ORF: 1707 bp

Locus ID: 266772

UniProt ID: [Q8R2H4](#)

Cytogenetics: 13q13

Gene Summary: contains several kelch domains [RGD, Feb 2006]