

Product datasheet for **RN204050**

KIhI31 (NM_001108170) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIhI31 (NM_001108170) Rat Untagged Clone
Tag:	Tag Free
Symbol:	KIhI31
Synonyms:	RGD1560540
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204050 representing NM_001108170
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCACCCAAAAAGAAGACTCTCAAGAAGAACAAACCCGAGATCAATGAGATGACCATCATCGTGAAG
 ACAGCCCCCTAAACAAGCTGAATGCTCTAAATGGGCTCCTGGGGGAGAAAACAGCCTTAGCTGTGTTTC
 TTCCGAACTAACAGACACTTCTTATGGTCCCAACCTCCTGGAAGGTTTAAAGTAAAATGCGTCAAGAGAGC
 TTTCTATGTGACTTGGTCATCGGTACCAAAACCAAGTCCTTTGATGTCCATAAGTCAGTGATGGCTTCT
 GCAGCGAGTACTTCTATAATATCCTTAAAAACGATCCATCGACAAAAGGGTAGACCTCAATGATATCGC
 CCCTTTAGGCCTAGCCACCGTGATAGCATATGCATACACGGGAAAGCTGACCCTTTCTTTATACACAATA
 GGAAGCATCATTTCTGCTGTGTACCTCCAGATCCACTCTTGTGAAGATGTGCAGCGACTTTCTGA
 TCCGAGAGATCAGTGTTGAGAACTGCATGTATGTTGTTAACATGGCTGAAACATACTGCTTGAAAAATGC
 GAAAGCAACGGCCAGAAATTTATCCGGGATAACTTCATTGAATTTGCCGACTCCGAACAATTTATGAAG
 CTGACGTTTGAACAGATTAATGAGCTTCTCATAGATGATGACTTGCAGTTGCCTTCTGAGCTGGTAGCAT
 TCCAGATTGCAATGAAATGGATAGAATTCGACCAAAAAGAGAGTGAAGCACGCTGCGGATCTTTAAGCAA
 TATTTCGTTTGGTACCATCTCTGCACAAGACCTGGTCAATTACGTTCAAACCGTACCGAGAATGATGCAA
 GACGCTGATTGTCATAAACTGCTTGTGGATGCTATGAACTACCACTTACTACCTTATCATCAAAACACGT
 TGCAATCTAGGCGGACAAGAATTAGAGGCGGCTGCCGGGTTCTGATCACTGTCCGGGGACGCCCTGGCCT
 GACTGAGAAGTCCCTTAGTAGAGACGTTTTATATAGAGACCCTGAAAAATGGATGGAGCAAGCTTACAGAA
 ATGCCAGCCAAGAGTTTCAATCAGTGTGTGGCTGTGATGGATGGATTCCCTTATGTAGCAGGTGGTGAGG
 ACCAGAATGATGCGAGAAAACCAAGCCAAGCATGCAGTCAGCAATTTCTGCAGGTACGATCCCCGCTTCAA
 CACGTGGATCCACCTGGGCAGCATGAACCAAGAAGCGCACGACTTCAGCCTGAGCGTGTTCACCGGGCTC
 CTGTACCGGTTGGGCGGCCGAACGCCGAGGGCAGCCTGGCTTCCCTGGAGTGCTACGTGCCCTCCACCA
 ACCAGTGGCAGCCAAAGCTCCGCTCGAGGTGGCGCGGTGCTGCCACGCCAGCGCGTGGCCGACGGCCG
 CGTGATCGTGACGGGCGGCTACATCGGCAGCGGCTACTCGCGCTCCGTGTGCGCTACGACCCTGCGCTC
 GACGCGTGGCAGGAGCTGCCGGGCTGAGCACGCCCGAGGCTGGCACTGTTCCGTGGCGCTGGGCGACA
 GGGTGTACGTGATGGGGGCGAGCAGCTGGGGCCGCGGGGAGCGTGTGGACGTGCTACCGTGGAGAG
 CTTTAGTCCCGTAGCTCGCCAGTGGAGCTTCGTGGCGCCCTGCCGTGGGTGTGAGCACGGCGGGTGTG
 TCGGCGTTGCACGGCCGAGCCTACCTGGTGGGCGGCTGGAACGAGGGCGAGAAGAAGTACAAGAAATGCA
 TCCAGTGCTTCAACCCGAGCTCAACGAGTGGATGGAGGACGACGAGCTGCCCGAGGCCACCGTGGGCGT
 GTCTGTGTCACGCTGGCCATGCCAACAGCGTGTCCCGGAGTACGGGCCAGCTCGGTGTCCTCCGTG
 CCGTCAAGTAT**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001108170
- Insert Size:** 1905 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_001108170.1](#), [NP_001101640.1](#)

RefSeq Size: 6152 bp

RefSeq ORF: 1905 bp

Locus ID: 315833

Cytogenetics: 8q24