

Product datasheet for **RN204899**

KIhI9 (NM_001107944) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIhI9 (NM_001107944) Rat Untagged Clone
Tag:	Tag Free
Symbol:	KIhI9
Synonyms:	RGD1304814
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204899 representing NM_001107944
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGTGTCGCTCGGTAACGGCGAGATGGCGTCTCTGCCACCTGCAGCCTTGAAGGCTGGAAC
 CGCGGTTTTTACCAGCAATACGCACAGTTCTGTTGATTGCAAGGCTTTGATCAGCTCAGAATAGAGGG
 ACTGCTTTGTGACGTGACTCTGGTACCAGGCGATGGAGAGGAAATCTCCAGTTCATAGAGCCATGATG
 GCGTCTGCCAGTGATTATTTCAAGGCCATGTTACAGGAGGAATGAAGGAGAAAGATCTAATGTGCATTA
 AGCTTCATGGGGTGAACAAAGTTGGTCTGAAGAAAATCATTGATTTTATTATACTGCAAACTCTCTCT
 CAATATGGACAATCTTCAGGATACTCTGAGGCTGCCAGCTTTCTACAGATCTTGCCGGTTTTGGATTTT
 TGTAAGTATTTCTATATCTGGTGTCTCCTAGATAACTGTGTTGAGGTTGGACGGATTGCTAACCT
 ACAATCTTATAGAAGTGATAAAACGTAATAATTTTCATCCTGAAGAACTTTCTCGCTTGTGAGTAC
 CGGGGAGTTTCTAAAACCCCCTTTGAACGGCTTGCCTTTGTGCTTTCCAGCAATAGTCTCAAGCACTGT
 TCTGAACCTTGAACCTTCAAGGCAGCCTGCCGCTGGTTGAGGCTGGAAGACCCTCGGATGGACTATGCTG
 CAAAATTAATGAAGAATATTCGCTTCCACTGATGACGCCACAGGATCTCATCAACTATGTGCAGACAGT
 AGATTTTATGAGAAGTGAACACTCTGTGTGAATTTACTTTTGGAAAGCAAGCAATTACCAATGATGCCA
 TATATGCAGCCAGTGATGCAGTCAGACAGAAGTCCATTCGATCAGATTCTACTCATTGGTTACGTTAG
 GAGGAGTTTTGAGGCAACAGCTGGTGTAAAGTAAAGAGTTACGGATGTACGACGAAAGGGCGCAGGAGTG
 GAAATCGTTAGCCCTATGGATGCTCCTCGATACCAGCACGGCATTGCTGTTATTGGAACTTCTTTTAT
 GTAGTTGGTGGTCAAGTAATTATGACACAAAAGGAAAACTGCTGTTGATACAGTCTTCAGATTTGATC
 CTCGTTATAATAAGTGGATGCAGGTGGCATTAAACGAAAAGCGCACATTTTTTCCACTGAGTGCAC
 CAAAGGACATTTATATGCAGTTGGTGGACGCAGTGCAGCTGGTGAACCTGGCCACAGTAGAATGTTACAAC
 CCAAGAATGAATGAATGGAGCTATGTTGCAAAAATGAGTGAACCCCACTATGGCCATGCTGGAACAGTAT
 ATGGGGTTTAAATGTATATATCCGGAGGAATTACCCATGACACTTTCCAAAATGAGCTCATGTGTTTTGA
 CCCAGATACAGACAAATGGACACAGAAGGCTCCTATGACTACAGTCCGAGGTCTGCATTGCATGTGTACA
 GTTGGAGACAAGCTGTATGTCATTGGTGGCAACCATTTCCAGGAAACAAGTATTATGATGATGCTCTAA
 GCTGCGAATACTATTCGCAACTCTTGACCAGTGGACCAATTGCTGCTATGCTAAGAGGTCAGAGTGA
 TGTTGGAGTTGCGGTCTTCGAAAACAAAATCTACGTTGTTGGTGGATATCTTGGAAATACCGCTGCATG
 GTAGAAAATGTCCAGAAATATGACCCAGAAAAGATGAGTGGCATAAAGTTTTTGTCTTCCAGAGTCAC
 TTGGTGGCATTCCGGCTTGCACCTCACAGTTTTTCCACCTGAAGAAAACCTGGGTACCTTCTAGAGA
 ATCACCTCTTTCAGCACCTTCAGATCATTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107944

Insert Size: 1854 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_001107944.1](#), [NP_001101414.1](#)

RefSeq Size: 4185 bp

RefSeq ORF: 1854 bp

Locus ID: 313348

Cytogenetics: 5q32