

## Product datasheet for **RN208700**

### **KIhI23 (NM\_001134504) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	KIhI23 (NM_001134504) Rat Untagged Clone
Tag:	Tag Free
Symbol:	KIhI23
Synonyms:	RGD1307166
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN208700 representing NM\_001134504  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTCTAAAAGGACAAGAAGATTACATTTATCTTTTCAAGGATTCGTCGCATCCAGTGGATTTTCTGG  
 ATGCATTCAGAACATTTTACATGGATGGATTATTTACCGATATTACCCCTCAGTGTCTTCAGGCATCAT  
 CTTCCATTGTCCACCGAGCTGTTTTAGCTGCCTGCAGCAATTATTTTAAGGCAATGTTACAGCTGACATG  
 AAAGAAAAATTTAAAAGTAAAATAAACTGTCCGGCATCCACCACGATATTTTGAAGGCCTTGAAATT  
 ATGCATACACTTCTCAAATTGAAATAACTAAAAGAAATGTGCAAAGCCTTCTTGAAGCAGCCGATCTGCT  
 TCAGTTCCTTTCCGTAAGAAGGCTTGCAGCAGTTTCTGGTCAGGCACCTGGATATTGATAACTGTATC  
 GGGATGCACTCTTTGCAGAAATTCATGTGTGCTCTGAACTAGAAAAGGAGTCCCGAAGGATTCTCTGCT  
 CCAGGTTCAAGGAAGTGGCAACAAGAAGAATTTCTGGAATCAGCCTTGAAGTTCCTCTTTATCTT  
 ATCCAGAAAGAATCTCAGTGTCTGGAAGGAAGAAGCTATCCTAGAGCCGGTCATTAAGTGGACTGCTCAT  
 GACGTAGAGAACCAGATTGAATGTCTCTACAACCTGCTAAGCTATGTCAACATAGACATAGACCCAGTGT  
 ATTTAAAGACAGCTTTAGGTCTTCAAAGAAGCTGTCTACTGACTGAAAATAAGATACGTTCCCTAATATA  
 CAACGCCCTGAATCCCATGCATAAAGAGATTTCCAGCGGTCCACAGCCACCATGTATATCATTGGAGGC  
 TACTACTGGCACCTTTGTCCAGAGTCCACATATGGGATCCTTTGACAAATGTTTGGATTGAGGAGCAG  
 AAATACCAGATTATACCAGGGAGAGTTACGGTGTACATGCCTAGGACCCAACATTTATGTAACCGGAGG  
 GTATAGAACAGATAACATAGATGCCCTAGACACAGTGTGGATCTATAACAGCGAAGGGGACGAGTGGACG  
 GAAGGCCTGCCATGCTCAACGCCAGGTATTACCACTGTGCAGTCACCTTGGCGCGCTGTGTCTACGCAC  
 TAGGCGGGTACAGAAAAGGCGCTCCCGCGGAAGGCTGAGTTCTACGATCCTCTGAAAGAGAAGTGGCT  
 TCCCATCGCAAACATGATTAAGGTGTGGGAAATGCGACCGCTGTGCTCCTGCATGAAGTCATCTATGTC  
 ATTGGCGGCCACTGTGGCTACAGAGGAAGCTGCACGTATGACAAGGTGCAGAGTTACAATTCAGACATCA  
 ACGAATGGAGCCTTATTACTGCGAGTCCACCCAGAATATGGACTGTGCTCAGTTCGTTTGAACAA  
 GCTCTACTTAGTCGGGGACAGACTACGATCACAGAGTGTATGACCCAGAGCAGAACGAGTGGAGAGAG  
 ACGGCGCCATGATGGAGAGGAGGATGGAGTGGGGGCCGTATCATGAATGGATGCATCTATGTAACCG  
 GGGGCTACTCTACTCAAAGGGCACGTATCTTCAGAGTATTGAGAAATACGACCCAGATCTTAATAAGTG  
 GGAATAGTGGCAACCTCCCAAGTGCCATGCGCTCTCATGGCTGTGTTTTAGATATCTGCATATAAAT  
 CTGAATACCAGGGCCAGAAAGCATGTAGAACAGCTGCGAGGCAGTAGAAAATGCATTGAGGAGAAGAATT  
 TGCATTTATTTGCCAGCTCTGCCACTAACCAGATTTTGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001134504

**Insert Size:** 1791 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\\_001134504.1](#), [NP\\_001127976.1](#)

**RefSeq Size:** 3697 bp

**RefSeq ORF:** 1791 bp

**Locus ID:** 311114

**Cytogenetics:** 3q21