

Product datasheet for **RN207084**

Kb23 (NM_001008813) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kb23 (NM_001008813) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kb23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207084 representing NM_001008813
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACCTGTGGCTTTCAAACCTGAACTTCGGCTGCGCCTCAGCCTGTGGCCCCGTCCCGGCCGTGCT
 GCATCACTGCAGCTCCCTACAGGGGCATCTCTGCTACCGCGGACTCTCAGGGGGCTTCGGCAGCCGCAG
 CGTCTGTGGGGCTTCCGCTCTGGCTCTGTGGACGCAGCTTCGGATACCGATCCGGAGGCGTCTCGGGA
 CCCAGCCCCCTGCATCACCACCGTCTCTGTCAACGAGAGCCTGCTCACCCCCCTCAACCTGGAGATCG
 ACCCCAATGCTCAGTGCCTGAAGCATGAGGAGAAGGAGCAGATCAAGTGCCTGAACAGCAGGTTTCGGGC
 CTTTCATCGACAAGGTGCGCTTCTGGAGCAGCAGAACAAGCTGCTGGAGACCAAGTGGCAGTTCTCCAG
 AACCGCAAGTGTGTGAGAGCAATGTGGAGCCTCTGTTTCGAGGGTACATCGAGACTCTGAGGCGGGAGG
 CTGAGTGTGTGGAGGCCACAGCGGGAGGCTGGTCTGAGCTCAACCATGCACAGGAGGCCATGGAGGG
 CTACAAGAAGAGGTATGAAGAAGAAGTTGCACTCCGGGCCACAGCAGAGAATGAGTTTGTGGCTCTAAAG
 AAGGATGTGGACTGTGCCTACCTGCGCAAGTCAGACCTGGAGGCCAATGCAGAGGCACTGACCCAGGAGA
 TCGACTTCTGAGGCGACTGTATGAGGAGGAGACCCGCATCTCCACGCCACATCTCAGACACCTCCGT
 CATCGTCAAGATGGACAACAGCCGGGACCTGAACATGGATTGCGTCATTGCTGAGATCAAGGCTCAGTAC
 GATGACATTGCCAGCCGAGCCGCGCAGAGGCCGAGTCTGGTACCGCACCAAGTGTGAGGAAATAAAGG
 CCACAGTGATCCGGCATGGAGAGACCTGCGTCGCACAGAGAGGAGATCAATGAGCTGAACAGAATCAT
 CCAGAGGCTGACAGCCGAGATCGAGAATGCCAAGTGCCAGAACACCAAGCTGGAGGCTGCTGTGACCCAG
 TCTGAGCAGCAGGAGAGGCTGCCCTCACCGATGCCCGCTGCAAGCTGGCTGAGCTGGAGGCTGCCCTGC
 AGAAGGCCAAGCAAGACATGGCCTGCCTGCTCAAGGAGTACCAGGAGGTGATGAACCTCAAGCTGGGTCT
 GGACATCGAGATCGCCACCTACAGGCGCCTGCTGGAGGGCGAGGAACAGAGGCTGTGTGAAGGCGTGGGA
 GCCGTGAATGTGTGCTTCTGGCTCCCAAGAGGAGGCTCCTCTACACAACCTACAACTAAAAACGAGG
 CTTTTTGTGCCATTCTCAGAGGCTGGAGTAAACAAACGGACCAAGGGAAGGTGTGAGCAGCTCCCGTG
 GTGGAGTTGTGTGCGGGACCTCTGTGTCTGGTTCAAGGCCTGTGACAGGCAGTGTCTGAGTGCCCC
 ATGCAGCGGGAATGTGGCAGTGAGCACAGGCTGTGTGCACCCTGTGGAAGTGGCCCTGTACCAGGGG
 AGGTGTTAGGAGTCAAGAGGGAGCCAAGCAGCCTGGCCTACAAGGCTGACCTCGAGGCGCTCAAGGTCTG
 TTGCCATCCTCAGTAGCTGCCCTCCAGCTACCTGCTGGCAAGGGGCTTGCTGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001008813

Insert Size: 1668 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:	<u>NM_001008813.1</u> , <u>NP_001008813.1</u>
RefSeq Size:	1668 bp
RefSeq ORF:	1668 bp
Locus ID:	407759
Cytogenetics:	7q36
Gene Summary:	member of the keratin gene family; type II keratins are basic proteins that heterodimerize with type I keratins in the formation of hair and nails [RGD, Feb 2006]