

## Product datasheet for **MG206712**

### Krt23 (BC019972) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Krt23 (BC019972) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Krt23
Synonyms:	Haik1, K23, CK23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206712 representing BC019972 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAACTCCAGCCACAGCTTTAACCAGACCTACTCGGCCTCTGTCCACAGCCTCGGAAGCACCCGGGGGCG  
GGCAGGGGAGCTGCCATCGGGCACCGAGTGTCCATGGAGGCGCAGGGGGTGTCCGCATCTCCCTTTCCTT  
CACCACGCCAGGCTGCCTGCCTCTGGAGGATCATGGGGTCTGGAAGAAGCAGTCCCCTGCTAGGTGGC  
AATGGCAAGGCCACCATGCAGAATCTCAACGATCGCCTGGCCACATATCTGGAGAAGGTGCGGGCTCTAG  
AGGAGGCTAACTCGAAGCTGGAACCCGTATACTAAGGTGGCAGCAGGAGAGAGAACCAGCCACAGAAA  
GGATTATCCCAGTATGAGGAAAACATCAGCCGCTGCAGGAGCAGATAGTGGACGGTAAGATGGCCAAT  
GCCACATTGTCGTGCTCATTGACAACGCCAGGATGGCAGTGGATGACTTCAACCTGAAGTTTGAAAACG  
AACACTCGTTAAAGAAAGACTTGAAAATTGAAGTTGAGGGCCTCCGAAAGACCTTGATGATCTGACCAT  
TGTCAACAACAGACCTGGAACAGGAGGTGGAGGGGATGAGGAAAGAGCTGATCCTCATGAAGAAACGCCAT  
GAGCAGGAAATGGAGGAGAATCACTTGCCGAGTGAATCAAGGTCAAGTGTGAAGTGGACACTACTCCAG  
GGGAAGATCTGATTAAGGTCTTGAAGATATGAGGCAGGAATACGAGTTAATAATAAAGAAGAAACATCA  
AGAGTTGGACACCTGGTTCAGAGAGCAGTCAGCCGCCATGGCCCAGGAAGTGGCCAGTCCAGCGCCTGTA  
CAGGGCAACCAAAGTGATATCCATGAGCTGAGGAGAACATTCAGGCCCTAGAGATTGACCTGCAGGCC  
AGCACAGCAGGAAAACCGCTTTGGAAAACATGCTGACAGAGACCCGGGCTCGATACTCCTGCCGTCTCCA  
GGACATGCAGCAGATCATCTCCACTACGAAGAAGAGCTGATTCAAGTCCGCCAAGACCTGGAGCGTCAAG  
AACATGAACACAAGGTGCTGCTGGGCATCAAACCCACCTGGAGAAGGAAATCGCCACCTACCGCCGGC  
TCCTGGAGGGAGACACTGAAGGGACGATGGATGGATCTGAGTCAAGGCTGAAAGGATCTGAAGCTTCAAC  
GATCAAGGCCATCACTCAAGAGAGTGTCAATGGAAGAATCGTTCTTTCTCAAGTGAATGAGATCCAAAAG  
CATATA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG206712 representing BC019972  
 Red=Cloning site Green=Tags(s)

MNSSHSFNQTYASVHSLGSTRGRQGSCHRAPSVHGGAGGVRIISLFTTPGCLPPGGSWGSGRSSPLLGG  
 NGKATMQNLNDRLATYLEKVRAL EEANSKLETRILRWHQEREP SHRKDYSQYEENISRLQEIVDGKMAN  
 AHIVVLIDNARMAVDDFNLFK FENEHSLKKDL EIEVEGLRKTLDLDTIVTTDL EQEVEGMRKELILMKKRH  
 EQEMEENHLP SDFKVSVDTPGEDLIKVLED MRQEYELI IKKKHQELDTWFR EQSAAMAQEVAS PAPV  
 QGNQSDIHELRRTFQALEIDLQAQHSRKTAL ENMLTETRARYSRLQDMQQIISHYEEELIQLRQDLERQ  
 NNEHKVLLGIKTHLEKEIATYRRLLEGDTEGTM DGSERLKGSEASTIKAITQESVNGRIVLSQVNEIQK  
 HI

TRTRPLE – GFP Tag – V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC019972

**ORF Size:** 1268 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [BC019972](#), [AAH19972](#)

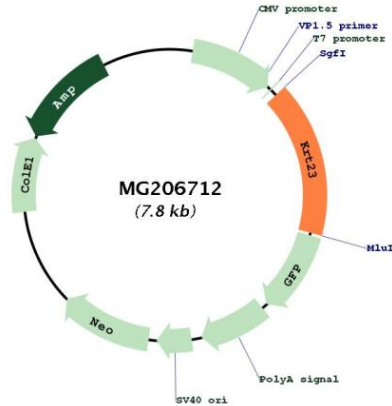
**RefSeq Size:** 1547 bp

**RefSeq ORF:** 1268 bp

**Locus ID:** 94179

**Cytogenetics:** 11 D

### Product images:



Circular map for MG206712