

Product datasheet for **MG220330**

Krt86 (NM_010667) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Krt86 (NM_010667) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Krt86 |
| Synonyms: | 5430421N21Rik; A1325212; Khb4; Krt2-10; Krt2-11; MHb4 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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ORF Nucleotide Sequence:

>MG220330 representing NM_010667
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTTGCGGATCCTACTGTGGTGGCCGTGCCTTCAGCTGCGCCTCAGCCTGTGGGCCAGGCCGGCC
 GCTGCTGCATCTCTGCAGCTCCCTACAGGGGCATCTCCTGCTACCGAGGACTCTCAGGGGCTTCGCGCAG
 CCAGAGTGTCTGTGGGCCTTCCGCTCTGGCTCCTGTGGACGCAGCTTCGGGTACCGCTCTGGAGGCATC
 TGCGGGCCAGCCACCCTGCATCACCACAGTCTCTGTCAATGAGAGCCTGCTCACACCCCTGAACCTGG
 AGATCGACCCCAATGCTCAGTGTGTGAAGCATGAGGAGAAGGAGCAGATCAAGTGTCTCAACAGCAAGTT
 CGCGGCCCTTCATCGACAAGGTGCGCTTCTGGAGCAGCAGAACAAGTGTCTGGAGACCAAGTGGCAGTTC
 TACCAGAACCGCAAGTGTGTGAGAGCAACATGGAGCCTCTGTTTCGAGGGCTACATCGAGGGCTGAGGC
 GGGAGGCTGAGTGTGTGGAGGCCGACAGCGGGAGGCTGGCAGCCGAGCTCAACCATGCGCAGGAGTCCAT
 GGAGGGCTACAAGAAGAGGTACGAGGAGGAAGTTCTCTGAGAGCTACAGCTGAGATGAGTTTGTGGCT
 CTGAAGAAGGATGTGGACTGTGCCTACCTGCGCAAGTCAGACCTGGAGGCCAACGCAGAGGCACTGACCC
 AGGAGACCGACTTCTGAGGAGAATGTATGACGAGGAGACCCGCATCCTCCATCCACATCTCAGACAC
 CTCCATCGTCGTCAAGATGGACAACAGCCGGGACCTGAACATGGACTGTGTCTGTGGCTGAGATCAAGGCT
 CAGTATGATGACATTGCCAGCCGAGCCGTGCTGAGGCTGAGTCTGGTACCGCACCAAGTGTGAGGAGA
 TAAAGGCCACAGTGATCCGGCATGGAGAGACTCTGCGCCGACCAGAGAGGAGATCAATGAGCTGAACAG
 AATGATCCAGAGGCTGACTGTGAGATCGAATGCCAAGTGCCAGAACCAAGCTGGAGGCTGCCGTG
 ACCCAATCTGAGCAGCAGGGAGAGGCTGCCCTTGTCTGATGCCCGCTGCAAGCTGGCTGAGCTGGAGGGTG
 CCCTGCAGAAGGCCAAGCAGGACATGGCCTGCCTCAAGGAGTACCAGGAGGTGATGAACCTCAAGCT
 GGGGCTGGACGTTGAGATCACACCTACAGGCGCCTGCTGGAGGGCGAGGAGCAGAGGTTGTGTGAGGGC
 GTTGGCTCCGTGAATGTGTGTGTGAGCAGCTCCCGCGGTGGCGTCTGTGTGGCATCTCTGCGTCTCTG
 TACTGCCCTGCTGTCAACACAAGAGTGTGCAGCGCCCTGCAGCGGAAACGTGGTGGTGGGCACCCC
 CAATGCCTGCGCCCTGCGCCGGGCGAGGCGCTGCAGCGGAGGCTGTAAGAAGTGC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG220330 representing NM_010667
 Red=Cloning site Green=Tags(s)

MTCGSYCGGRAFSASACGPRPGRCCISAAPYRGISCYRGLSGGFGSQSVCGAFRSGSCGRSFGYRSGGI
 CGPSPPCITTVSVNESLLTPLNLEIDPNAQCVKHEEKEQIKCLNSKFAAFIDKVRFLQNNKLETKWQF
 YQNRKCCESNMEPLFEGYIEALRREAECVEADSGRLAAELNHAQESMEGYKKRYEEVSLRATAENEFVA
 LKKDVDCAYLRKSDLEANAALTQETDFLRRMYDEETRIHSHISDTSIVVKMDNSRDLNMDCVVAEIK
 QYDDIASRSRAEAEESWYRTKCEEIKATVIRHGETLRRRTREEINELNRMIQRLTAEIENAKCQNTKLEAAV
 TQSEQQGEAALADARCKLALELEGALQKAKQDMACLLKEYQEVMSKLGLDVEITTYRRLLEGEEQRLCEG
 VGSVNVCVSSRGGVVCGLCVSGTAPAVNTRVCSAPCSGNVVVGTNPACAPCAGAGACSGGCKK

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

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_010667.2](#), [NP_034797.1](#)

RefSeq Size: 1960 bp

RefSeq ORF: 1461 bp

Locus ID: 16679

UniProt ID: [P97861](#)

Cytogenetics: 15 56.9 cM