

Product datasheet for **RN201812**

Krt80 (NM_001008815) Rat Untagged Clone

Product data:

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|--------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Krt80 (NM_001008815) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Krt80 |
| Synonyms: | Kb2; Kb20 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN201812 representing NM_001008815
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCTACCGCTCCTGCGTCGTTGGCTTCAGTAGCCACAGTGGCTGTGAGGTGACCCCTCGCGGTAGTT
 CCCAGCCTGGGACCTCAGGATGGGGCAGCTGTGGGCTCCCTGGGCTGGCTTCAGCTCTCGAAGCCTCAC
 AAGCTGTAGGCCAGCTGGTGTATCCCCAAGGTGACTGTGAACCCAGCCTGCTGGTGCCTCTGGACCTC
 AAGGTGGATCCAGCTGTTTCAGCAGCAGAAGAACCAAGAGAAGGAGGAGATGAAGGTTCTCAATGATAAAT
 TTGCTCCCTCATTGGCAAGGTACAAGCTCTGGAGCAGCGCAACCAACTGCTGGAGACCCGGTGGGGCTT
 CCTGCAGGGCCAGGGATCAGCCACCTTCGACCTCAGCCACCACTACGAGACATTCAGGGCCGGCTGCAA
 GAGGAATCCGCAAAGTGAGCCAGGAGCGGGGACAACCTGGAGGCCAGCCTGCTGCAGGTGCTAGAGAAGG
 TGGAGGAGTCCGCGTCAGGTACGAGGATGAGATCTCCAAGCGCACAGACCTGGAATTTACCTTTGTCCA
 GCTGAAGAAGGACCTGGATGCTGAGTGTCTCCGACGAAGTGAAGTGAACCAAACTCAAGGGCCTGCAG
 GGTTTCGTAGAGCTGATGAGGACAGTCTATGAGCAGGAGCTGAAAGACCTTACAGCCCAAGTGAAGGACG
 TGTCGGTACCCGTGGGCCTGGACAGCCGCTGCCACATCGACCTGAGCGGCATCGTGGAGGAAGTGAAGGC
 CAGTACGATGCCATCGCTGCTCGAAGCCTGGAGGAGGCTGAAGCCTATTCACGGAGCCAATTTGAGGAG
 CGAGCTGCCCCTCAGCGGAGTTCGGGAACAGCCTCCAGAGCAGCCGCTGTGAGATTGCAGACCTCAACG
 TGCGCATCCAGAAGCTGCGGTACAGATCGTCTCAGTCAAGAGCCATTGCCTGAAACTGGAGGAGAACAT
 CAAGGTGGCCGAGGAACAAGGAGAGTGGCCTTCCAGGACGCCAAGGACAAGATGGCCAGCTGGAGGCT
 GCCCTGCAGAAGGCCAAACAGGACATGGCCCGGACGCTGCGCGAGTACCAGGATCTCATGAACACCAAGC
 TGGCTCTGGACATAGAGATCGCCACCTACCACAAGCTGATGGAAGGAGAAGAAAGCCGGATGGACCTGCC
 TTCCACCACTGTGGTCAGTGTGTGCAATCCCGATGCCAGTGCAGAACCCTGCCTCCAAGTCTGGCCTCTCCAAG
 ACCCCCTCCCGGAAGAAGAAGAACCCGCGGAGGCCAGTATCAAATCACTGAAATGTCAGAGAAATACC
 TCTCCAGGAGTCGGAGGCCCTCCGAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001008815
- Insert Size:** 1359 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_001008815.1](#), [NP_001008815.1](#)
RefSeq Size: 1359 bp
RefSeq ORF: 1359 bp
Locus ID: 315318
UniProt ID: [Q6IMF1](#)
Cytogenetics: 7q36