

Product datasheet for **RN207565**

Krt4 (NM_001008806) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Krt4 (NM_001008806) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Krt4 |
| Synonyms: | Kb4 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN207565 representing NM_001008806
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCTCCAGACAGTCAAGCGTCCGCGGAGTCTCCCGGGCTTTAGCAGTGGCTCAGCTGTTGCCGGTG
 GAGTCAAGCGGGTGGCCTTCAGCTCAGCCTCCATGTCTGGGGTGCCGGGCGCTGCTCCTCTGGGGTTT
 CGGCAGCAGGAGTCTTTACAACCTCGGGGGTCAACAAGATATCTCCATGAGCGTGGCTGGTCTGCCAA
 GGCGGTGGCTACGGCGGTGCCGGAGGCTTCGGTGTGGAGGATACGGTGTGGGTTTGGTCCGGTGGTT
 TTGGCGGTGGCTTTGGAGGCTCCTTCAACGGCCGAGGCGGTCTGGTTCCTGTCTGTCTGTGGAGG
 TATTCAGGAAGTCAACATCAACCAGAGCCTGTGACACCTCTTCAGGTGGAAATTGACCCAGAGATCCAG
 AAAATCCGCACAGCAGAGCGGAGCAGATCAAGACCCTCAACAACAAATTTGCTTCTTCATCGACAAGG
 TCGGTTTTAGAGCAACAGAACAAAGTCTGGAGACCAATGGAACCTCTCCAGCAGCAGACAACCAC
 CACATCCCCAGAAACCTGGATCCTTTCTTTGAGACGTACATCAACGCCTTAAGGAAGAACCTGGACT
 TTGAGCAATGACAAAGGTGCGCTACAGTCAAGCTGAAGCTCATGCAGGACAGTGTGGAGGACTTCAAGA
 CCAAGTATGAGGAAGAGATCAACAAGCGCACAGCTGCAGAGAACGACTTTGTGGTCTCAAGAAAGATGT
 GGATGTGCTTACATGATCAAGGTGGAGTTAGAGGCCAAAATGGAAAGCCTTAAGGATGAGATCAACTTC
 ATGAGAGTCTCTATGAAGCGGAGCTGTCCAGATGCAGACACATGTCTCAGACACATCTGTGGTGTGT
 CCATGGATAATAACCGGAACCTGGACCTGGACGGCATCATCGTGGAGTCCGAGCCAGTATGAGGAGAT
 TGCTCGGAAGAGCAAGGCTGAGGTTGAGTCTGGTACCAGATCAAGGTCCAGCAGCTCCAGATGTCAGCT
 GACCAGCACGGAGATAGCCTGAAGAGCACCAAGAATGAGATCTCAGAACTCAACAGGATGATCCAGAGGA
 TACGGTCCGAGATTGAGAACATCAAGAAGCAGACTCTGCAGGCATCTGTGGCTGATGCAGAGCAACGTGG
 AGAGCTGGCCCTCAAAGATGCCTACACCAACCGCAGACCTGGAGACTGCACTGCAGAAGGCCAAGGAG
 GACCTGGCCCGGCTGATGAGGGACTACAGGAGCTCATGAATGTCAAGCTGGCCCTGGATGTGGAGATCG
 CCACCTACCGAAGCTACTGGAGGGCGAGGAGTGCAGGATGTCTGGAGAATGCAAGAGTGTGTGAGCAT
 CTCCGTAGTTGGTGGCAGTGCCAGCATTGGTGGCAGCGGTGGCATCGGCCTTGGCCTGGGTAGCGGTTTT
 GGCTCTGGTTCTGTTCTGGAAGTGGCTTCGGATTTGGTGGCGGTATTTATGGCAGCTCTGGTACCAAGA
 TCACCTCTCCGCCACCATACCAAGAGATCCCCACGAACAAGACAGGATCTGTATGGCCTTCAGCCCTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001008806

Insert Size: 1611 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_001008806.1](#), [NP_001008806.1](#)

RefSeq Size: 1611 bp

RefSeq ORF: 1611 bp

Locus ID: 315323

UniProt ID: [Q6IG00](#)

Cytogenetics: 7q36