

## Product datasheet for **MC217426**

### **Krt4 (NM\_008475) Mouse Untagged Clone**

#### **Product data:**

|                    |                                       |
|--------------------|---------------------------------------|
| Product Type:      | Expression Plasmids                   |
| Product Name:      | Krt4 (NM_008475) Mouse Untagged Clone |
| Tag:               | Tag Free                              |
| Symbol:            | Krt4                                  |
| Synonyms:          | AW108092; K4; Krt-2.4; Krt2-4         |
| Vector:            | pCMV6-Entry (PS100001)                |
| E. coli Selection: | Kanamycin (25 ug/mL)                  |
| Cell Selection:    | Neomycin                              |



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**Fully Sequenced ORF:** >MC217426 representing NM\_008475  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATCGCCAGACAGTCAAGTGTCCGCGGAGCCTCCCGGGCTTTAGCAGTGGCTCAGCTATTGCTGGTG  
 GTGTCAAGCGAGTGGCCTTTAGCTCAGGCTCCATGTCTGGCGGTGCAGGGCGCTGCTCTTCTGGGGCTT  
 CGGCAGCAGAAGTCTTTACAACCTCGGGGGTCAACAAGATATCTCCATGAGCGTGGCTGGGTCTGCCAA  
 GGCGGGCGCTATGGGGTCCCGGAGGCTTCGGCGTTGGAGGATACGGTGTGGGTTTGGTCCCGTGGTT  
 TTGGCGGTGGCTTTGGAGGCTCCTTCAACGGTCGAGGAGGTCTGGCTTCCAGTCTGTCTGCTGGAGG  
 TATTCAAGAGTCAACATCAACCAGAGCCTGCTGACACCTCTTCAGGTGGAGATTGACCCAGAGATCCAG  
 AAAATCCGCACGGCGGAGCGTGAGCAGATCAAGACCCTCAACAACAATTCGCGTCTTCATCGATAAGG  
 TGGATTCTTAGAGCAACAGAACAAGTCTGGAGACCAATGGAACCTCTCCAGCAGCAGACAACCAC  
 CACATCTCCAAAAGCCTGGATCTTTCTTTGAGACTTACATCAACGCCTTGAGGAAGAACCTGGACACT  
 TTGAGCAATGACAAAGGTCGCCTACAGTCAGAGCTAAAGATGATGCAGGACAGTGTGGAGGACTCAAGA  
 CCAAGTATGAAGAGGAGATCAACAAGCGTACAGCTGCAGAGAATGACTTCGTGGTCTCAAGAAAGATGT  
 GGATGCTGCCTACATGATCAAGGTGGAGTTAGAGGCCAAGATGGAAAGCCTTAAGGATGAGATCACTTC  
 ACGAGAGTCTCTATGAAGCGGAGCTGGCCAGATGCAGACACATGTCTCAGACACATCTGTAGTGTGT  
 CCATGGACAACAACCGGAACCTGGACCTGGATGGCATCATCGCAGAGGTCCGGGCCAGTATGAGGACAT  
 TGCTAGGAAGAGCAAGGCTGAGGTTGAATCCTGGTACCAGATCAAGGTCCAGCAGCTCCAGATGTCAGCT  
 GACCAACATGGAGATAGCCTGAAGACCACCAAGAATGAGATCTCAGAACTCAACAGGATGATCCAGAGGC  
 TGCGGGCAGAGATTGAGAACATCAAGAAGCAGAGCCAGACTCTGCAGGCATCTGTGGCTGATGCAGAGCA  
 GCGTGGAGAGCTGGCCCTCAAAGATGCCTACAGCAAACGCGCAGAACTGGAGACTGCACTGCAGAAGGCC  
 AAGGAGGACCTGGCCCGCTGCTGAGGGACTACCAGGCTCTCATGAACGTCAAGCTGGCCCTGGATGTGG  
 AGATTGCCACCTACAGGAAGCTGCTGGAGGGCGAGGAGTGCAGGATGTCTGGAGAATGCAAGAGTGTGT  
 GAGCATCTCGGTAGTTGGCGGCAGGCCAGCATTGGCGGCAGTGGCCTTGGCCTGGGTAGCGGTTTTTGC  
 TCCGGTTCTGTTCTGGAAGTGGCTTTGGATTTGGTGGTGGCATTATGGCGTTCTGGTCCAAGATCA  
 CCTTCCGCCACCATCACCAAGAGGTCCCCACGATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_008475

**Insert Size:** 1578 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\\_008475.2](#), [NP\\_032501.2](#)

**RefSeq Size:** 2147 bp

**RefSeq ORF:** 1578 bp

**Locus ID:** 16682

**UniProt ID:** [P07744](#)

**Cytogenetics:** 15 57.13 cM