

## Product datasheet for **MC219974**

### **Krt1 (NM\_008473) Mouse Untagged Clone**

#### **Product data:**

|                    |                                       |
|--------------------|---------------------------------------|
| Product Type:      | Expression Plasmids                   |
| Product Name:      | Krt1 (NM_008473) Mouse Untagged Clone |
| Tag:               | Tag Free                              |
| Symbol:            | Krt1                                  |
| Synonyms:          | Krt-2.1; Krt2-1; Krt86                |
| Vector:            | pCMV6-Entry (PS100001)                |
| E. coli Selection: | Kanamycin (25 ug/mL)                  |
| Cell Selection:    | Neomycin                              |



[View online »](#)

**Fully Sequenced ORF:** >MC219974 representing NM\_008473  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGTCTACAGTGTAGCTCCAGGTCCTGTGCCGGTGGCGGTGGCAGCAGGAACTTCAGCTCAGGCT  
 CTGCTGGCCTAGTCAGCTTCCAGCGCAGATCCACCAGCAGCTCTATGCGCCGAGCGGTGGAGGTGGTGG  
 TGGGAGATTTTCAGGAGGAGGCTTCTGTGGGAGTTCTGGTAGTGGCTTTGGAAGTAAGAGTCTTATGAAC  
 CTTGGAGGCGGTAGGAGCATCTCCAAGAGTGTGGCTGGAGGTGGTGGCAGCTTCTGTGGTGGCTTTGGGG  
 GTGGCAGCTACGGCGGTGGTGGCTTTGGGGGTGGCAGCTACGGCGGTGGTGGCTTTGGGGGTGGCAGCTT  
 CGGCGGTGGTGGCTTTGGAGGGAGTGGTTTTGGCGGAGGCTTGGTGGTGGTGGTGGTTTTGGTAGTGGA  
 GGTGGTTTTGGTGGTGGTAGATTTGGTAGTATGGGGCCTGTCTGTCCCCCTGGTGGCATCCAGGAAGTGA  
 CCATCAACCAAAGCCTTCTGCAACCCCTCAACGTTGAGGTTGACCCTCAGATTCAAAAAGTGAAGTCTCA  
 GGAGAGAGCAGATCAAGTCACTCAATGACAAGTTTGCCTCCTCATCGACAAGGTGCGCTTCTAGAG  
 CAACAAAACCAGGTGCTACAAACCAAATGGGAGCTGCTGCAGCAGGTAGACACCACAACCCGGACCCAAA  
 ACTTAGACCCTTTTTTTGAAGTATATCAGCATCCTCAGAAGGAAGGTGGACTCGCTGAAGAGTGACCA  
 GTCACGGATGGATTCTGAGCTGAAGAACATGCAAGACCTGGTGGAAAGGTACAGGACCAAGTACGAGGAT  
 GAAATCAACAAGAGGACCAACGCAGAGAATGAGTTCGTGACCAACAAGAAGGATGTGGATTCAGCTTACA  
 TGACCAAAGTTGAGCTTCCAGGCCAAGGCAGATGCCCTCCAGCAAGACATTGACTTCTTCTGCACTCTA  
 CCAATGGAAATGTCTCAGATGCAAACTCAAATCAGCGAAACCAATGTTGTCCTGTCATGGACAACAAC  
 CGCAGTTTGGATCTGGATGGCATCATCTCGAAGTCAAGGCCAGTATGATAGCATTGGCAGAGGAGCA  
 AGGTGAAGCTGAGACCTTTTACCAGAGCAAGTACGAAGAGTGCAGATCACTGCTGGCAACATGGAGA  
 CAGTGTGAGAAATACCAAGATGGAGATTTCTGAGCTGAATCGAATGATCCAGAGACTTCGATCTGAAATT  
 GATGGTTGCAAGAAGCAGATCTCCCAAATACAGCAGAACATCAATGATGCTGAGCAGCGTGGTGAGAAAG  
 CACTCAAAGATGCCCAGAACAAGCTGAATGAGATAGAGGATGCATTGTCGAATGCAAGGAGGATCTTGC  
 CAGATTGCTGCGTGACTTCCAGGAGCTGATGAACACTAAGCTGGCCCTGGACATGGAGATTGCCACATAC  
 AAGAACTTCTGGAAGGAGAGGAGATCAGGATGTCTGGAGAGTGCCTCCCAACGTGAGCGTGTCCGGTGA  
 GCACCAGCCACACCAGCATGAGCGGAAGCAGTAGCCGAGGCGGCGGCAGCGGCGGCAGATACGGAGG  
 CGGTGGCAGTTATGGCGGCGGCTCTGGAGGCGGCAGCTACGGCGGCAGTCTGGAGGCGGAGGCAGTGGT  
 GGCAGCTACGGCGGCGGCTCCGAGGCGGCAGCTACGGCGGCGGCTCCGAGGCGGCAGCAGTGGAAAGCC  
 ACAGAGGTGGCTCTGGAGGGGGCGGTGGCAGCTCCGAGGCGAGCTACGGTGGCTCCTCTGGCGGAGGCCG  
 GGGAGGATCCAGCTCAGGTGGCGGTGGCGTTAAGTCTCTGTCAGTTCTACCGTGAAGTTTGTTCACC  
 AGTTACTCCCAGGGACCAAA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_008473

**Insert Size:** 1914 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\\_008473.2](#), [NP\\_032499.2](#)

**RefSeq Size:** 2462 bp

**RefSeq ORF:** 1914 bp

**Locus ID:** 16678

**UniProt ID:** [P04104](#)

**Cytogenetics:** 15 57.06 cM

**Gene Summary:** May regulate the activity of kinases such as PKC and SRC via binding to integrin beta-1 (ITB1) and the receptor of activated protein C kinase 1 (RACK1). In complex with C1QBP is a high affinity receptor for kininogen-1/HMWK (By similarity).[UniProtKB/Swiss-Prot Function]