

Product datasheet for **MC217328**

Krt24 (NM_029393) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt24 (NM_029393) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt24
Synonyms:	2310058N18Rik; 2310075C18Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217328 representing NM_029393
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTTCTGCTCAGCTCAGAAAGGGTCTGCTCCTCCCGAGTCTCCTCCTCCGGGGCTGTGGGCAGCAGGG
 GGTGCACTGGGGGAAGTTCCTTTGGCGGTGGGAGCAGCTGTGGGCTAGGGGGAGGCTCTGCCTGGGGCTT
 CCAGGGGAGCAGCAACAGCTGGAGCCTGAGTGGGGATCTAAGGGTAGCATGGGAGGGGGCTTCGGCAGC
 TGCTCAGTAAGGGGTGGATTTCGGAGCAGCCTCTAGCTACGGTGGAGGGTCGGGCTTTGGCGGGAGCTCTG
 GCTTTGGTGGGGCTCTGGCTTTGGTGGGGCTCTGGCTTTGGTGGGGATCTAGTGGAGGCTTCTCTAG
 CTATGGAGGTAGTATGGGGTGGGTCTTGGTGGCGTCAGTGGCTATGATGGGGCCTTCTCTGGAAGC
 GAAAAGCAAATATGCAAGACCTCAATGACCGGTAGCCAACTACCTAGACAAAGTCCGAGCCCTGGAGG
 AAGCCAAACAGGATCTGGAGTGTAAATCAAGGACTGGTATGGCAAGCATGGGTCTGTAAAGGTGGGTC
 TGAAGAGACTACAGCAATACTACTCAATCATCGAAGATCTGAAGAAGCAGATCCTTTACGCCACTTGT
 GAAAACGCCAGAATGACTCTGCAGATTGACAACGCTAGGCTGGCTGCTGATGACTTCAGAATGAAGTATG
 AGCATGAAGTCTGCCTTCGAGAGTGCTTGGAGGCCGACATCAATGGCCTGCGCAAAGTGTGGACGAAAT
 GACCATGACTCGCTGTGACCTGGAGATGCAGATTGAGGGTCTGACTGAGGAGCTGGTCTTCTGAGGAAG
 AACCACGAGGAGGAAATGAAGTGTATGCAAGGAAGCTCTGGAGGGGATGTGACAGTAGAAATGAATGCTG
 CCCAGGAGTCGACCTGACCAAACTACTGAATGACATGAGGGCTCAGTATGAGGCGATGGCCGAGCAGAA
 CCGCCAGGAAGCTGAGAGACAGTTCAACGAGCGGAGTGCATCCCTGCAAGCCCAAATCTCTTCAGATGCA
 GGGGAAGCCAATTGCGCCAGGAGTGAAGTAATGGAATTGAAGCGCACAGTGCAGACCCTGGAAATTGAGC
 TTCAGTCTCAGCTGGCCCTGAAATGCTCTCTGGAAGGGACCCTGGCTGACACAGAAGCTGGCTATGTGGC
 TCAGCTGTCTGGAATCCAGGCACAGATTAGCAGCCTGGAGGAGCAGCTTAGCCAGATCCGGGCTGAGACC
 CAGTGCCAGAGTCTGAGTACGAATGCCTGCTGAACATCAAGACCCGCTGGAGCAGGAGATTGAGACCT
 ACCGCCGCTGCTCAACGAGACGGGGTGGATGTGACTATAGAACTTAGTATCCAAGAATGTGGTATT
 GAGTGACTCAGGAAGCTGTGCTGGCCAAGGAAAAGATCCAGCAAGACAAGGGTGACAAAGACCATCATA
 GAGGAGGTGGTGGATGGTAGAGTTGTCTCGTCTCAAGTCAGCAACATTTCTGAAGTGAAATAAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_029393

Insert Size: 1539 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_029393.1](#), [NP_083669.1](#)

RefSeq Size: 1689 bp

RefSeq ORF: 1539 bp

Locus ID: 75706

UniProt ID: [A1L317](#)

Cytogenetics: 11 D